

19990422.qrp v01_n434.qrl.990422

Date: Thu, 22 Apr 1999 19:03:19 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1434

QRP-L Digest 1434

Topics covered in this issue include:

- 1) [38636] Re: Email Stoppage
by J38AL@aol.com
- 2) [38637] The QRP2000, a nine band R2/T2 radio with a Dual DDS VFO,
by "Stephen Farthing" <stephen@stevef.demon.co.uk>
- 3) [38638] Pruning of "temporary antenna" ----Correction of the previous post
by "Bruce" <Bruce2@prodigy.net>
- 4) [38639] QRP and PSK31 frequencies ?
by Stanley Wilson <microres@crl.com>
- 5) [38640] Re: Vectronics CW Filter
by "Marshall Emm" <mgemm@mtechnologies.com>
- 6) [38641] re: FDIM 99
by k5zty@juno.com
- 7) [38642] Re: Help: MFJ 9406 key jack??
by "Steve Yates, AA5TB" <aa5tb@swbell.net>
- 8) [38643] QRPTTF
by Ed Loranger <we6w@qsl.net>
- 9) [38644] Re: Charles Kitchen's Regen Article List
by David Gauding <david.gauding@bbs.galilei.com>
- 10) [38645] Digital interface, VFO for R2/T2
by "Doc" <doctor@mediaone.net>
- 11) [38646] Re: Email Stoppage
by "William H. Launer" <launerb@crl.com>
- 12) [38647] SST-20 R5 tuning range mod
by Larry Cahoon <wd3p@juno.com>
- 13) [38648] Wattmeter
by "Perley Urquhart" <n1yuk@nemaine.com>
- 14) [38649] Re: Suggestions for small QRP Transceiver
by N10DL@aol.com
- 15) [38650] RE: Email Stoppage
by "Michael St. Angelo" <mstangelo@worldnet.att.net>
- 16) [38651] NorCal Resistor Kit Arrives
by "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
- 17) [38652] NorCal Resistor Kit Arrives
by "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
- 18) [38653] NC-20 construction question
by "Tom Dooley" <tdooley@atl.mediaone.net>
- 19) [38654] Thanks for HAARP QRP? Info.

- by "Denis Englander" <ko6gf@slip.net>
- 20) [38655] Banquet stuff!
by "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>
- 21) [38656] Need a room @ Dayton?
by "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>
- 22) [38657] Re: 2-Way QRP WAS Arrived!
by Jeff Johns <jeffj@scott.net>
- 23) [38658] Help with MFJ9015 AGC
by Kb4utv@aol.com
- 24) [38659] Re: Suggestions for small QRP Transceiver
by "Lynn Simons" <lynnsimons@mindspring.com>
- 25) [38660] TEST Do Not Read
by Kb4utv@aol.com
- 26) [38661] Funkamateur PA
by "Steve Sorrell" <ap036@detroit.freenet.org>
- 27) [38662] QRPTTF/Snow
by K0su@kktv.com
- 28) [38663] Re: TERMAN BOOK FOR TRADE OR SALE
by Chaim Smith <smithca@acd-pc.com>
- 29) [38664] nc-20 sect 13
by "Mark Hogan" <mhogan@email.msn.com>
- 30) [38665] Re: Wattmeter
by "Steve Yates, AA5TB" <aa5tb@swbell.net>
- 31) [38666] RE: NC-20 construction question
by "Tom Dooley" <tdooley@atl.mediaone.net>
- 32) [38667] Re: Suggestions for small QRP Transceiver
by Stanley Wilson <microres@crl.com>
- 33) [38668] FS: NorCal 20 + 10 turn pot
by Hank Kohl K8DD <k8dd@contesting.com>
- 34) [38669] Re: The QRP2000, a nine band R2/T2 radio with a Dual DDS VFO,
by "Kenneth W. Evans" <w4du@bellsouth.net>
- 35) [38670] re:nc20 section 13
by "Mark Hogan" <mhogan@email.msn.com>
- 36) [38671] Solar/Propagation for QRPTTF
by "Paul Harden, NA5N" <na5n@rt66.com>
- 37) [38672] QRPTTF: LAST Op Hit List Update (4/21/99)
by Joe Gervais <vole@primenet.com>
- 38) [38673] QRPTTF NY/VE3
by "Al Gritzmacher" <ae2t@bigfoot.com>
- 39) [38674] RE: Read Mail on Browser
by aweiss@usd.edu (Ade Weiss W0RSP)
- 40) [38675] QRPTTF: Final Notes, Last Message
by Joe Gervais <vole@primenet.com>
- 41) [38676] NC-20 Reciever...HOT!
by "Mark Hogan" <mhogan@email.msn.com>
- 42) [38677] Re: [LowPowerDX] New Coastal Radio list...and other stuff
by N7YA@aol.com
- 43) [38678] FS: MFJ 9015

- by Kb4utv@aol.com
- 44) [38679] Re: Help with MFJ9015 AGC
by "Steven Weber" <kd1jv@moose.ncia.net>
- 45) [38680] Re: speaking of logging computers.....
by "Al Gritzmacher" <ae2t@bigfoot.com>
- 46) [38681] Re: Newsgroups and Email Reflectors
by "Al Gritzmacher" <ae2t@bigfoot.com>
- 47) [38682] QRPTTF / FQP, N4BP
by Bob Patten <n4bp@bc.seflin.org>
- 48) [38683] Attention stamp lovers
by iapizloj@bicc00.bi.ehu.es (Jon Iza)
- 49) [38684] SWL 40+
by "Chuckee" <cdhamel@pdq.net>
- 50) [38685] Re: Wattmeter
by "Radman" <radman@best.com>
- 51) [38686] K2 SSB option production date?
by Arjen Raateland <Arjen.Raateland@vyh.fi>
- 52) [38687] KL7H / C6A Log on line...
by Bruce Hopkins - KL7H <kl7h@eagle.ptialaska.net>
- 53) [38688] AKQRP Club on the KL7 / VY1 border this weekend...
by Alaska QRP Club <akqrp@eagle.ptialaska.net>
- 54) [38689] Amatuer Radio Stamps
by "Ed Tanton" <n4xy@att.net>
- 55) [38690] Mobile power wiring
by "Brian J Keegan" <brimail@home.com>
- 56) [38691] Re: PSK31
by Peter Demmer <ampruss@hits.net>
- 57) [38692] RS 22-503 Switching Power Supply
by David Fifield <fifield@pacbell.net>
- 58) [38693] Re: SWL 40+
by "Paul Helbert, Wv3j" <phelbert@rica.net>
- 59) [38694] A rookie's question
by "Jeff Hahn" <kr4ys@hotmail.com>
- 60) [38695] RE: Email Stoppage
by "Dan Hogan" <dhhogan@concentric.net>
- 61) [38696] Email change
by "Frank G3YCC" <frank@g3ycc.karoo.co.uk>
- 62) [38697] More Hamcom 99 info - BOOK YOUR ROOM ASAP
by W5TB <w5tb@softhome.net>
- 63) [38698] Antenna wire / Portable radio box !
by Don Lefrancois <wb1cdh@cwix.com>
- 64) [38699] Re: SWL DSW
by elawson@lr.net (Ed Lawson)
- 65) [38700] Re: Antenna wire / Portable radio box !
by Bruce Kizerian <kizerian@ced.utah.edu>
- 66) [38701] Re: SWL DSW
by "Mark Hogan" <mhogan@email.msn.com>
- 67) [38702] New Url

- by Mercxx@aol.com
- 68) [38703] Re: Antenna wire / Portable radio box !
by "Edward A Kwik jr" <eakwikjr@hti.com>
- 69) [38704] Re:Flying to HAMCOM
by Doc - W5TB <w5tb@softhome.net>
- 70) [38705] Re: Logging With A Pocket Calculator
by Bruce Grubbs <bog@flagstaff.az.us>
- 71) [38706] FDIM Correction
by "Kenneth W. Evans" <w4du@bellsouth.net>
- 72) [38707] Re: PSK31
by "Chris Cieslak" <ccieslak@law.uiuc.edu>
- 73) [38708] Re: Newsgroups and Email Reflectors
by w4bws@juno.com
- 74) [38709] Thanks
by Mercxx@aol.com
- 75) [38710] FS: NorCal 20 + 10 turn pot SOLD
by Hank Kohl K8DD <k8dd@contesting.com>
- 76) [38711] Sharp ZR-5000
by "George W. Lee" <k5ht@juno.com>
- 77) [38712] Finding URLs Re: Thanks
by "Paul R. Valko" <prvalko@oakland.edu>
- 78) [38713] Congratulations 160 meter QRPers
by "Michael A. Gipe" <mgipe@reliablemeters.com>
- 79) [38714] Re: PSK31
by "Chris Cieslak" <ccieslak@law.uiuc.edu>
- 80) [38715] AW: Funkamateur PA
by "Peter Zenker" <Peter_DL2FI@csi.com>
- 81) [38716] QTTF Rules Query?
by "Marshall Emm" <mgemm@mtechnologies.com>
- 82) [38717] WTB: Yaesu CW filter
by Glen Stockton K5UP <ges@praxis.ppco.com>
- 83) [38718] Re: QTTF Rules Query?
by Bob Hightower <ki7mn@extremezone.com>
- 84) [38719] Re: Newsgroups and Email Reflectors
by "Brad Bradfield, PE" <b_bradfield@yahoo.com>
- 85) [38720] QRPTTF-IA/NE SITE
by mjfitz@uswest.net
- 86) [38721] Fw: For Oak Hills QRP Classic rig -- Need help
by "William Gaude" <bilgau@earthlink.net>
- 87) [38722] George Dobbs ATT:
by Jay Bromley <w5jay@alltel.net>
- 88) [38723] Re: QTTF Rules Query?
by FrConrad@aol.com
- 89) [38724] (Elusive) Spring Bow-K
by "Down" <adown@sprint.ca>
- 90) [38725] Re: QTTF Rules Query?
by "Joe spencer" <joes@tcjc.cc.tx.us>
- 91) [38726] QRPTTF de TENNESSEE

- by jmbrown@edge.net (JERRY BROWN)
- 92) [38727] Quicksilver Printing
by "Chuckee" <cdhamel@pdq.net>
 - 93) [38728] Swl40+ for sale
by Jeff Gold <JGold@tntech.edu>
 - 94) [38729] Re: Congratulations 160 meter QRPers
by Larry Cahoon <wd3p@juno.com>
 - 95) [38730] Re: Newsgroups and Email Reflectors
by Ron Stark <ku7y@dri.edu>
 - 96) [38731] Re: Congratulations 160 meter QRPers
by Ron Stark <ku7y@dri.edu>
 - 97) [38732] Re: Attention stamp lovers
by "John J. McDonough" <jjmcd@tm.net>
 - 98) [38733] Direction finding and Loops
by "Ian C. Purdie" <purdic@integritynet.com.au>
 - 99) [38734] Ballantine Scope and Counter
by "rohre" <rohre@arlut.utexas.edu>
 - 100) [38735] FS: MXM 30M QRP xcvr
by n3bj@hotmail.com
 - 101) [38736] News From Morse Express
by "Marshall Emm" <mgemm@mttechnologies.com>

Date: Wed, 21 Apr 1999 17:59:42 EDT
From: J38AL@aol.com
To: ctrask@primenet.com
Cc: qrp-l@lehigh.edu
Subject: [38636] Re: Email Stoppage
Message-ID: <8eb7d023.244fa44e@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Chris,

I received the post.

Al N2ZHS
Scotia, NY

In a message dated 4/21/99 4:23:07 PM Eastern Daylight Time,
ctrask@primenet.com writes:

<< If anyone should receive this posting, would they please contact
me directly, as well as through the reflector, to acknowledge that this
posting was received and distributed. >>

Date: Wed, 21 Apr 1999 23:13:08 +0100
From: "Stephen Farthing" <stephen@stevef.demon.co.uk>
To: "David Millard" <TheMillards@compuserve.com>, "Alan Rowe" <arowe@mpc-data.co.uk>, "Bill Kelsey - N8ET - Kanga US" <kanga@bright.net>,
"Doug Faunt N6TQS +1-510-655-8604" <faunt@netcom.com>, "George Heron" <n2apb@erols.com>, "GQRP list" <gqrp@onelist.com>, <ham-pic@qth.net>,
Subject: [38637] The QRP2000, a nine band R2/T2 radio with a Dual DDS VFO,
Message-ID: <002601be8c44\$3b281560\$7521989e@stevef>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Dear R2/T2, miniR2 and Phasing DC fans,

Jan (G0BBL), Alan (G7PUB) and Steve(G0XAR) would like you to visit their QRP2000 web site at <http://www.stevef.demon.co.uk/qrp2k/qrp2000home.htm>. It describes our progress so far on building a multi band transceiver based on the well known KK7B R2/T2 modules coupled with BPF, PA, LPF modules from Hands electronics. It covers top band to ten meters, USB, LSB and CW. Our contribution is our own design dual DDS VFO coupled with a PIC based controller. This overcomes the difficulties of generating perfect phasing over a wide range of frequencies using analogue techniques. The result is the effective multi-banding of what, in the past, has largely been considered as a single band design.

We hope it is of interest to the QRP community.

Jan, Alan and Steve AKA the QRP2000 team.

Date: Wed, 21 Apr 1999 15:21:31 -0700
From: "Bruce" <Bruce2@prodigy.net>
To: <qrp-1@lehigh.edu>
Subject: [38638] Pruning of "temporary antenna" ----Correction of the previous post
Message-ID: <001201be8c45\$52aaa620\$d5809cd1@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Ed,
Previous post should have read: "only a fraction OF A DECIBEL LESS than a full horizontal 1/2 wave dipole".
Bruce WB4WZL

Date: Wed, 21 Apr 1999 15:17:31 -0700 (PDT)
From: Stanley Wilson <microres@crl.com>
To: qrp-l@Lehigh.EDU
Subject: [38639] QRP and PSK31 frequencies ?
Message-ID: <Pine.SUN.3.91.990421151632.10916A-100000@crl4.crl.com>
Mime-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Is there any special operating frequency being used for PSK31 ?

Date: Wed, 21 Apr 1999 16:04:41 -0600
From: "Marshall Emm" <mgemm@mtechnologies.com>
To: Rex E Pickett <heatherex@juno.com>, qrp-l@lehigh.edu
Subject: [38640] Re: Vectronics CW Filter
Message-ID: <199904212203.QAA18558@edison.chisp.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

> Has anybody had any experience
> with this unit?

Yes-- I have built one (with the audio amp) and eventually will review it if I ever find the time. It's really not bade. The only reservation I have about it is that you cannot adjust the center frequency of the pass band, which is fixed at around 750-800 Hz. If you use 750Hz and set the filter to 80Hz bandwidth... you could miss somebody that's a mere 30Hz off your zero beat freq.

Can't compare to the SCAF filter, but for the money it is pretty good.

73

Marshall Emm
N1FN/VK5FN
n1fn@MorseX.com
Morse Express and Oak Hills Research
"Everything for the Morse Enthusiast"
<http://www.MorseX.com>
<http://www.ohr.com>
(303)752-3382

--

Date: Wed, 21 Apr 1999 17:33:12 -0500
From: k5zty@juno.com
To: qrp-1@lehigh.edu
Subject: [38641] re: FDIM 99
Message-ID: <19990421.173320.10222.3.k5zty@juno.com>

< One of the many prizes will
include an Elecraft K2! >

I hope that some of the paid for kits will be shipped before this prize
is given away.

Bill, K5ZTY
Houston, TX
k5zty@juno.com

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or call Juno at (800) 654-JUNO [654-5866]

Date: Wed, 21 Apr 1999 18:00:08 -0500
From: "Steve Yates, AA5TB" <aa5tb@swbell.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [38642] Re: Help: MFJ 9406 key jack??
Message-ID: <002d01be8c4a\$b4c17b40\$0a37a497@aa5tb>
MIME-Version: 1.0
Content-Type: text/plain;

charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Claton,

Can I assume that you have the CW module (MFJ-416) installed? It does not come from the factory equipped for CW. The key jack is a simple two conductor jack, tip and shield.

By the way, CW on this rig is definitely an after thought and does not work all that great. After installing the module the rig became susceptible to RF feedback when on SSB.

I hope this helps. Good luck.

73,
Steve Yates
AA5TB
Fort Worth, TX
<http://home.swbell.net/aa5tb>
aa5tb@swbell.net

Date: Wed, 21 Apr 1999 23:02:27 +0000
From: Ed Loranger <we6w@qsl.net>
To: qrp-l@lehigh.edu
Subject: [38643] QRPTTF
Message-ID: <371E5903.6F77@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Gang, being on POSTPONE and reading the archives has me somewhat alienated from the list. Hopefully this will change in the future.

Anyway, I will be operating as long as I can. But I'll do the QRP WSN-40 net from 9:00 AM until it is over. Gotta chat with the regular group every Saturday for sure.

I'll be at Roberts Lake Park about 3 miles south of my QTH here in Santa Rosa. The lake is near the golf cours and is part of the Doubletree Hotel. VErY beautiful.

Will be alone with my OHR-100, Blackwidow and inverted vee or low dipole and vibroplex bug.

And quad chair.

Unfortunately no restrooms nearby so coffee intake will be minimal!

Hmmmm, better bring an old coffee can too :)

This will be my first "FIELD" contest entry. None of this backyard /Battery garbage!

And the bicycle has a new axel and tire.

Have station, will pedal.

:) 72/Ed we6w/6

--

-Ed AR QRP Millennium QSO's=565/2000
72, Ed WE6W, A-1 OP; <http://www.qsl.net/we6w> Santa Rosa, CA
QRP-Z#106 QRP-L#1068 AR#112 NC#2227 ARCI#9397 ARS#275

Date: Wed, 21 Apr 1999 18:27:32 -0500
From: David Gauding <david.gauding@bbs.galilei.com>
To: qrp-l@lehigh.edu
Subject: [38644] Re: Charles Kitchen's Regen Article List
Message-ID: <1.5.4.32.19990421232732.00982bb8@bbs.galilei.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Gang,

First, an atta' boy for KI6DS and a thank you to N1TEV for providing his list of regen articles to QRP-L. Looks like I have missed a few but definitely not on purpose! Charles Kitchen is a gifted writer as well as a designer.

I built the "\$10 Receiver Has Microvolt Sensitivity" from EDN shortly after being published in August 1994. It was my first "dirty" project not to mention a regen. The end product really is an ugly s.o.b. (not N1TEV's fault). But, it works remarkably well, simplicity notwithstanding.

Mine is tuned with an AM polyethelene variable cap (2 sections, about 240 pf) and an 8:1 Jackson Bros. ball drive. This is the same "laboratory grade" polycap used in the original St. Louis Tuner project. There is very little

drift after tuning and none most of the time. The combination works great and allows for compact packaging.

The receiver is pretty darn hot but at the same time smooth. Consequently, I've spent many enjoyable hours listening and discovering the world of shortwave. To this day I have never owned a general coverage receiver so this little regen gets me there, so to speak.

The regeneration point is predictable and easily controlled. Selectivity is excellent when properly adjusted. You could almost work the less hectic contests or chase DX with it. A single 88 mh toroid makes a nice low-cost filter circuit and is compatible with the design concept.

Audio could be better but is more than adequate with 8 ohm phones. I run this regen wide open, no gain control and on the regular station antennas. At one time I piped everything through an old Marantz receiver and a couple of bookshelf JBL's. That was a treat! Having said that suggesting the receiver is quiet is a very fair statement. A 9V battery lasts a long time.

If you wanna' get your feet wet on a regen this is definitely the one to try.

Best regards,

de Dave, NF0R nf0r@slacc.com

Date: Wed, 21 Apr 1999 20:00:54 -0500
From: "Doc" <doctor@mediaone.net>
To: "QRP List" <qrp-l@Lehigh.EDU>
Subject: [38645] Digital interface, VFO for R2/T2
Message-ID: <001501be8c5b\$92e97ac0\$95c68018@DEFAULT01>
MIME-Version: 1.0
Content-Type: text/plain;

charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi all

I've just completed a digital interface and VF0, and considering the R2/T2 to finish it off:

<http://people.ne.mediaone.net/doctor/projects/radio.htm>

It has most of the "bells and whistles", including automatic filter selection.

Mark WB1W

Date: Wed, 21 Apr 1999 19:07:55 -0500
From: "William H. Launer" <launerb@crl.com>
To: ctrask@primenet.com
Cc: qrp-l@Lehigh.EDU
Subject: [38646] Re: Email Stoppage
Message-ID: <l03130300b3441829ce57@[192.0.2.1]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Chris,

I received your message ok, via CRL.

Bill

Bill Launer
St. Charles, MO
launerb@crl.com
wb0cld@wb0cld.ampr.org [44.46.66.25]
qrp-l #279 qrp arco #3551
Grid Square EM48RT

Date: Thu, 22 Apr 1999 00:07:59 +0100
From: Larry Cahoon <wd3p@juno.com>
To: qrp-l@Lehigh.EDU

Subject: [38647] SST-20 R5 tuning range mod
Message-ID: <19990422.000800.6542.0.wd3p@juno.com>

----- Begin forwarded message -----
From: Joe Gervais <vole@primenet.com>

Per Wayne's idea and Arth's experiments, I added
a parallel 10K resistor to my SST-20's R5 last night,
bringing R5 down to around 9K.

Has anyone tried the mod out on the SST-40?

tnx and 72 de Larry.....WD3P in MD

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or call Juno at (800) 654-JUNO [654-5866]

Date: Wed, 21 Apr 1999 20:50:26 -0400
From: "Perley Urquhart" <n1yuk@nemain.com>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [38648] Wattmeter
Message-ID: <000101be8c5a\$1dd20140\$337461ce@urquhart>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

What's available for a QRP wattmeter besides the Oak Hills unit please?
Perley, #1936

Date: Wed, 21 Apr 1999 20:27:20 EDT
From: N10DL@aol.com
To: qrp-l@lehigh.edu
Subject: [38649] Re: Suggestions for small QRP Transceiver
Message-ID: <c6143b74.244fc6e8@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

I agree with Joe, the wilderness SST is an amazing radio for the QRPer. I have one for 20 meters and take it whenever I go away. I also carry a dipole from N2CX, Joe Everhart. I run it directly into the radio and have no problem getting out around the world. it is tuned for 14.058. the whole kit fits in a large zip-lock baggie. It is an easy rig to build and it worked great from the start.

good Luck
Aron
N1ODL
FISTS#4110
Bedford, NH

Date: Wed, 21 Apr 1999 21:05:50 -0400
From: "Michael St. Angelo" <mstangelo@worldnet.att.net>
To: "'ctrask@primenet.com'" <ctrask@primenet.com>, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [38650] RE: Email Stoppage
Message-ID: <01BE8C3A.BD14C780@172.middletown-01-02rs16rt.nj.dial-access.att.net>

Chris,

Receiving you loud and clear. Meet you at the bus depot.

Mike N2MS

-----Original Message-----
From: Chris Trask [SMTP:ctrask@primenet.com]
Sent: Wednesday, April 21, 1999 8:34 AM
To: Low Power Amateur Radio Discussion
Subject: Email Stoppage

Why someone would want to do this is beyond me, but I am trying to track down the source of the problem at this end.

Chris

Date: Wed, 21 Apr 1999 21:27:08 -0400

From: "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
To: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>, "njqrp@njqrp.org" <njqrp@njqrp.org>
Subject: [38651] NorCal Resistor Kit Arrives
Message-ID: <371E7AEC.DC4E0927@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Came home from work to find a red, white and blue box from California.
The resistors arrived safe and sound and now patiently await the arrival
of the capacitors. Nw if somebody would just put together a toroid deal
my work bench would be ready for just about anything.

--

+++++

T.J. "SKIP" AREY N2EI e-mail tjarey@home.com

Website <http://members.home.net/tjarey>

Snail Mail: PO Box 236, Beverly, NJ 08010

Specialization is for insects! LAZARUS LONG

Date: Wed, 21 Apr 1999 21:27:25 -0400
From: "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
To: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>, "njqrp@njqrp.org" <njqrp@njqrp.org>
Subject: [38652] NorCal Resistor Kit Arrives
Message-ID: <371E7AFD.CAE4EA24@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Came home from work to find a red, white and blue box from California.
The resistors arrived safe and sound and now patiently await the arrival
of the capacitors. Nw if somebody would just put together a toroid deal
my work bench would be ready for just about anything.
Thanks again for all the hard work guys.

--

+++++

T.J. "SKIP" AREY N2EI e-mail tjarey@home.com

Website <http://members.home.net/tjarey>

Snail Mail: PO Box 236, Beverly, NJ 08010

Specialization is for insects! LAZARUS LONG

Date: Wed, 21 Apr 1999 21:30:02 -0400
From: "Tom Dooley" <tdooley@atl.mediaone.net>
To: "'Low Power Amateur Radio Discussion'" <qrp-l@Lehigh.EDU>
Subject: [38653] NC-20 construction question
Message-ID: <001401be8c5f\$a5f919a0\$be265818@atl.mediaone.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I just started building my NC-20. Things are progressing nicely, but I have run into a snag and I give up.

I am in Section 12, Keyre and TX section, and I cannot find any place on the board for C96. I guess I should unplug the iron and go to bed. BUT this inquiring mind wants to know. Where should it go and where am I missing the construction note.

I beg the collective to pardon my ignorance.

72/73 de Tom Dooley
K4TJD
QRP A.R.C.I. # 9886; QRP-L # 1677
FISTS # 5893

Date: Wed, 21 Apr 1999 18:33:46 -0700
From: "Denis Englander" <ko6gf@slip.net>
To: <qrp-l@lehigh.edu>
Subject: [38654] Thanks for HAARP QRP? Info.
Message-ID: <001b01be8c60\$2b05c4e0\$200ed1d1@net.slip.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi gang...

Short & sweet...just a public thanks to all who wrote to the list and to me via E-Mail regarding signal strength & ERP for the recent HAARP test. A nice mental workout!

Ok...I'm back to the books...great group on the list!

72/73 de K06GF - Denis in SF

For your fun...please visit my Homepage at

<http://www.slip.net/~ko6gf>

Date: Wed, 21 Apr 1999 22:07:49 -0400 (EDT)
From: "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>
To: qrp-l <qrp-l@lehigh.edu>
Subject: [38655] Banquet stuff!
Message-ID: <Pine.LNX.3.95.990421220536.5512C-1000000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

So far, about 100 people have registered for the upcoming banquet, which will be gobs of fun.

Someone asked about veggie dishes - we have veggies and veggie lasagna, and I don't think there's any meat in any of the desserts :)

\$25/person for food, fun, prizes.

Make out to QRP ARCI and send to:

Scott Rosenfeld N7JI
2250 Patterson St. #50
Eugene, OR 97405-2988

P.S. Include an SASE, please.

Scott Rosenfeld ARS N7JI
541-346-7401 Eugene, OR Land o' much rain
If you find me on the air, I'm probably in my car
ham@w3eax.umd.edu <http://w3eax.umd.edu/~ham>

Date: Wed, 21 Apr 1999 22:05:35 -0400 (EDT)
From: "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>
To: qrp-1 <qrp-1@lehigh.edu>
Subject: [38656] Need a room @ Dayton?
Message-ID: <Pine.LNX.3.95.990421220306.5512B-1000000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Every year, I get my "private cache" of six rooms at Motel 6 (now Studio 6) right across the highway from Days Inn Dayton South. It's about 10 miles from Hara, and the rooms have one bed and a kitchenette (although I haven't seen them yet - renovations should be complete about now).

Anyway, if you were on the fence because you couldn't find a room, please let me know as I've got a few spots available.

If you don't mind sharing, it cuts costs considerably; and it's not that pricey in the first place.

Again, let me know of your hardship.

Scott Rosenfeld ARS N7JI
541-346-7401 Eugene, OR Land o' much rain
If you find me on the air, I'm probably in my car
ham@w3eax.umd.edu <http://w3eax.umd.edu/~ham>

Date: Wed, 21 Apr 1999 20:44:29 -0500 (CDT)
From: Jeff Johns <jeffj@scott.net>
To: qrp-1@lehigh.edu
Subject: [38657] Re: 2-Way QRP WAS Arrived!
Message-ID: <199904220212.VAA04628x@scott.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: 8bit
Content-Transfer-Encoding: 8bit

On 04-20 01:15pm CDT, the following was written:

> Gonna frame it and hang it over our bed, see if
> my wife notices. ;-)

Congrats on the award! You are a much braver man than I would be for trying a stunt like that, my wife would banish me to the guest room <g>. Once again, congrats!

73 Jeff W4JEF

```
*----- Jeff Johns W4JEF - AMSAT# 32615 - QRP-L# 1857 -----*
|jeffj@scott.net w4jef@amsat.org | Reserve Patrol Captain |
| Satellite: Mir R0MIR-1, A0-27 | Jefferson County Sheriff's Dept|
|200LX+BayPac+FT50=Portable Packet| QTH Birmingham, AL USA |
*-----*
```

Goin' Postal - HP 100/200LX (v3.02beta) REGISTERED

Date: Wed, 21 Apr 1999 22:20:08 EDT
From: Kb4utv@aol.com
To: qrp-l@lehigh.edu
Subject: [38658] Help with MFJ9015 AGC
Message-ID: <1d88ea2e.244fe158@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Just got a new MFJ 9015 cw rig, but I am not use to the AGC. The radio when on always "pops" and makes it hard to copy cw, you get a split second of silence. Is this normal? I checked the voltage for the AGC and it is OK. Should I send the radio back? So far, I am not impressed with this radio. Thanks in advance for comments. 72's John KB4UTV

Date: Thu, 22 Apr 1999 02:15:44 -0500
From: "Lynn Simons" <lynnsimons@mindspring.com>
To: <vole@primenet.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [38659] Re: Suggestions for small QRP Transceiver
Message-ID: <00bd01be8c8f\$f0789980\$11f710d1@lynn-s-computer>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hey Bruce,

I would like to add that the QRP+ and the QRP++ are general coverage

receivers also. You can usually find one of these for sale on this list. I have one of the original QRP+ 's and use it quite frequently when traveling to my parents house in WV. I, too, like to do a little SWling between ham QSO's

73/72,

Lynn, KJ3V
Birmingham, AL

Date: Wed, 21 Apr 1999 22:28:01 EDT
From: Kb4utv@aol.com
To: qrp-l@lehigh.edu
Subject: [38660] TEST Do Not Read
Message-ID: <b20aa9b3.244fe331@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

TEST

Date: Thu, 22 Apr 1999 02:39:34 +0100
From: "Steve Sorrell" <ap036@detroit.freenet.org>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [38661] Funkamateur PA
Message-ID: <008e01be8c61\$0e34a4c0\$c842b3c7@sorrells>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi everyone:

I just completed installing the Funkamateur PA to my Sierra. While not gaining the output power I was expecting, I did get a significant gain over the stock model. Here are the power output levels I have achieved after the installation as measured with an OHR WM-2 wattmeter.

28 MHz	2.5w
21 MHz	2.5w
14 MHz	4.5w
10 MHz	2.7w

7.0 MHz 4.3w
3.5 MHz 4.0w

While these numbers are not earthshaking, they are much better than my stock Sierra. My Sierra was putting out .9 watt on 28 MHz, 1.2 watt on 21 MHz, for example. So the output has doubled on these two bands. 14 and 7 MHz are slightly over a watt more output than when stock and 3.5 MHz is about 2 watts more out. I adjusted C33 and C36 again on each band module to peak them although they were very close to begin with. I tried changing R15 from 43 ohms to 56 ohms with negligible improvement.

After a qso on forty meters, I noticed the back panel (heat sink) was only slightly warmer than room temperature.

I would be interested in hearing from others who have performed this mod to their Sierra and any suggestions they might have. Feel free to email me any questions the list might have, I'll do my best to answer one and all.

One suggestion to those performing this mod. The instructions from Peter say to take power from the right side of D6. Don't do this!!!!!! It has power on at ALL times when the power supply is on. The switch DOES NOT turn power off to the PA if you take the 12 volts from this point. A better idea is to take the power from the center leg of the power switch. I took it from underneath the board. You may have a better route but make sure the power to the PA is turned off when the rig is turned off.

I hope this has been of some help. I was really thinking there would be quite a few posts about this mod, but I haven't seen any. But then again, I had it on postpone while I was in Florida and might have missed the thread.

73/72

Steve Sorrell, W8SFF

Date: 21 Apr 1999 20:33:22 -0700
From: K0su@kktv.com
To: qrp-1@Lehigh.EDU
Subject: [38662] QRPTTF/Snow
Message-ID: <199904220233.WAA21654@nss4.cc.Lehigh.EDU>

OK guys and gals, it is snowing in Colorado Springs tonight. Always seems to happen when QRPTTF is scheduled. Maybe we should have it in January next year =8)

Scouting out the nearest Taco Bell as that may be as far as I get.

73/72,

Rick
K0SU
Colorado Springs, CO

CQC #100 -- QRP-L #539
www.qsl.net/k0su

Date: Wed, 21 Apr 1999 22:36:16 -0400
From: Chaim Smith <smithca@acd-pc.com>
To: b_bradfield@yahoo.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [38663] Re: Terman BOOK FOR TRADE OR SALE
Message-ID: <371E8B1F.C897558A@acd-pc.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hello,

If it is not spoken for already I'll take it. Let me know please. Thank you.

72,

Chaim Smith

Brad Bradfield wrote:

> Hello y'all - -
>
> I have acquired an extra copy of Frederick E. Terman's book called
> "Radio Engineering". This is the 1937 second edition, and is still an
> excellent reference book today. I would prefer to trade this for a
> copy of E.A. Laport's 1951 (1952?) edition of "Radio Antenna
> Engineering".
>
> I will wait until 0001Z, April 22, for a possible trade, and then sell
> the book for what I have in it, \$30 plus \$3.30 shipping, to the first
> e-mail offer received. Go ahead and send me your purchase requests
> now, just in case I don't get a trade offer.
>
> 72's es 73's,
>
> Brad, W5CGH
>
> ===
> Brad Bradfield, PE W5CGH Systems Engineer
> (ex WB0CGH) Raytheon Systems Company
>

> Real men talk with their fingers!!
>
> QRP-L #377 SMIRK #4906
> ARS #72 Austin QRP Club #e
> -----
> Do You Yahoo!?
> Get your free @yahoo.com address at <http://mail.yahoo.com>

Date: Wed, 21 Apr 1999 21:50:41 -0500
From: "Mark Hogan" <mhogan@email.msn.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [38664] nc-20 sect 13
Message-ID: <003a01be8c6a\$e9f4a920\$b885fdd0@compaq>

First all sections checked ok and functioned great per the manual.

OK so all is well, I finish section 13 and there is no receive. I have the same noise that I had in 12 and 11.

I can't find any signals, yep I've got an antenna.

Where shall I start?

Mark Hogan / N50BC

Date: Wed, 21 Apr 1999 21:57:54 -0500
From: "Steve Yates, AA5TB" <aa5tb@swbell.net>
To: <n1yuk@nemaine.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [38665] Re: Wattmeter
Message-ID: <004101be8c6b\$eb9a4d60\$a337a497@aa5tb>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Perley

I have information on a unit that I built that works for me at:

<http://home.swbell.net/aa5tb/qrpmeter.html>

I haven't kept up with what is commercially available lately. Good luck.

73,
Steve Yates
AA5TB
Fort Worth, TX
<http://home.swbell.net/aa5tb>
aa5tb@swbell.net

Date: Wed, 21 Apr 1999 23:24:31 -0400
From: "Tom Dooley" <tdooley@atl.mediaone.net>
To: "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>
Subject: [38666] RE: NC-20 construction question
Message-ID: <[001701be8c6f\\$a3633940\\$be265818@atl.mediaone.net](mailto:001701be8c6f$a3633940$be265818@atl.mediaone.net)>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

My thanks to the collective for pointing out my "blind spot"!

What a great group!

72/73 de Tom Dooley
K4TJD
QRP A.R.C.I. # 9886; QRP-L # 1677
FISTS # 5893

-----Original Message-----
From: owner-qrp-1@Lehigh.EDU [<mailto:owner-qrp-1@Lehigh.EDU>] On Behalf Of
Tom Dooley
Sent: Wednesday, April 21, 1999 9:30 PM
To: Low Power Amateur Radio Discussion
Subject: NC-20 construction question

I just started building my NC-20. Things are progressing nicely, but I have run into a snag and I give up.

I am in Section 12, Keyre and TX section, and I cannot find any place on the board for C96. I guess I should unplug the iron and go to bed. BUT this inquiring mind wants to know. Where should it go and where am I missing the construction note.

I beg the collective to pardon my ignorance.

72/73 de Tom Dooley
K4TJD
QRP A.R.C.I. # 9886; QRP-L # 1677
FISTS # 5893

Date: Wed, 21 Apr 1999 20:08:27 -0700 (PDT)
From: Stanley Wilson <microres@crl.com>
To: qrp-l@Lehigh.EDU
Subject: [38667] Re: Suggestions for small QRP Transceiver
Message-ID: <Pine.SUN.3.91.990421200143.12470A-100000@crl4.crl.com>
Mime-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

An excellent QRP transceiver is the FT-7. The output level is variable. The only negative is that it does not cover the WARC bands. The price is reasonable usually \$200 to \$350. The B version runs more power but is easy to adjust to 5 watts output. The B also has a built-in audio filter.

They are built for portable or mobile use and a lot less costly than a Ten-Tec.

Watch the hamfest or put out a e-mail that you would like one and someone will respond. A couple of years ago you could still purchase replacement parts from the mfr.

de stan ak0b

Yes I have one and enjoy using it on 40 and 20 CW. Yes it runs SSB also. It is not for sale.

Date: Wed, 21 Apr 1999 23:10:00 -0400
From: Hank Kohl K8DD <k8dd@contesting.com>
To: qrp-l@lehigh.edu
Subject: [38668] FS: NorCal 20 + 10 turn pot
Message-ID: <4.1.19990421223730.01522060@192.0.0.1>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Really was going to build the NC-20, but then I signed onto a DXpedition going to St. Paul Island (CY9) the week after Dayton. And the DXpedition leader said I could have one night for QRP on 7040.

So I gotta sell the NC-20. I opened the box and looked at the instructions, but haven't opened up the parts bag. And I put the 10 turn pot from the group buy in the box.

NC-20 & 10 turn pot. \$125 via priority mail anywhere in the US

73 Hank K8DD
k8dd@contesting.com

*/ Hank Kohl K8DD k8dd@arrl.net
*/ ARRL TS <http://www.tir.com/~k8dd>
*/ MI-QRP - Vice Pres. QRP-ARCI - Director
*/ G-QRP ARRL/LM QCWA/LM QCAO/LM

Date: Wed, 21 Apr 1999 23:31:02 -0400
From: "Kenneth W. Evans" <w4du@bellsouth.net>
To: stephen@stevef.demon.co.uk
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [38669] Re: The QRP2000, a nine band R2/T2 radio with a Dual DDS VFO,
Message-ID: <371E97F6.3175DB65@bellsouth.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gang,
Steve and Jan will be giving a talk on this interesting project at the QRP ARCI FDIM Seminar on Thursday, May 13, 1999 at the Days Inn South in Dayton. In addition, the FDIM Proceedings will have details on this as well.
All seminar attendees will receive a copy of the proceedings. For those of you that cannot attend, QRP ARCI will sell a limited number of the proceedings after Dayton.

FDIM details can be found at: <http://www.qrparci.org/>

Hope to see you in Dayton.
Ken
W4DU
Stephen Farthing wrote:

> Dear R2/T2, miniR2 and Phasing DC fans,
>
> Jan (G0BBL), Alan (G7PUB) and Steve(G0XAR) would like you to

> visit
> their QRP2000 web site at
> <http://www.stevef.demon.co.uk/qrp2k/qrp2000home.htm>. It describes our
> progress so far on building a multi band transceiver based on the
> well
> known KK7B R2/T2 modules coupled with BPF, PA, LPF modules from Hands
> electronics. It covers top band to ten meters, USB, LSB and CW. Our
> contribution is our own design dual DDS VFO coupled with a PIC based
> controller.

Date: Wed, 21 Apr 1999 22:43:35 -0500
From: "Mark Hogan" <mhogan@email.msn.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Cc: "Tom Dooley" <tdooley@atl.mediaone.net>
Subject: [38670] re:nc20 section 13
Message-ID: <010e01be8c72\$4f7ff9a0\$b885fdd0@compaq>

DUMB!

Never mind. I had placed two resistors in and soldered them. Must have
forgot to straighten them.

I was helping the c96 deal and saw the problem.

Oh well thanks to all how looked.

Back to the tuning deal...

Hogan / N50BC

Date: Wed, 21 Apr 1999 21:48:38 -0600 (MDT)
From: "Paul Harden, NA5N" <na5n@rt66.com>
To: qrp-l@lehigh.edu
Cc: cqclist@mtechnologies.com
Subject: [38671] Solar/Propagation for QRPTTF
Message-ID: <Pine.SUN.4.10.9904212103570.29571-1000000@shell.rt66.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Gang,

Here's the way I see it for QRPTTF on saturday.

First, the sun has been very quiet past few weeks, and as a result, the solar flux is at fairly low levels ... skirting right around 100 as we speak. The solar flux goes up and down about every 24-28 days as the sun rotates. Right now, we are at bottom dead center. In fact, it is believed today (wednesday) was the minimum, meaning it may start climbing, but not by much by saturday. My guess is the solar flux will be 110-115 on saturday. Just barely at a level to keep 15M open, and doubtful on 10M. Of course always check, you never know. 20M will be the main band during daylight hours saturday.

The GEOMAGNETIC FIELD is another story. It's been rotten past few days as many of you have noticed, with K indexes in the 4-5 range (minor storm) and active conditions today. Here's what's happening:

On APRIL 17th, there was a coronal mass ejection (CME) for which the shock wave hit the earth at 1600+ UTC on April 19th. That triggered minor storm conditions most all day.

Yesterday there was a filament eruption (very narrow and not usually seen optically) that was detected by the LASCO satellite. It blew off a bunch of material that will likely hit the earth anytime (around April 22-23) and cause more geomagnetic disturbances, perhaps even minor storming.

HOWEVER, all should be well by saturday. The critical time will be TOMORROW. If there is a flare or CME tomorrow (thursday), the shock wave would smack into the earth about mid-day saturday. That would not be good! But, the sun is very quiet right now, and I think the chances of a flare are fairly slim. Yeah I know, Custer said that too :-). This means the noise, or static levels on 20-40M should be fairly low. I would expect the A-index on saturday to be in the 6-8 range, for just unsettled conditions. QRP signals get through that just fine.

SUMMARY:

- 10M - if it's open, we'll be very lucky
- 15M - will be open daytime, but I think propagation will be weak, and prone to rapid fading (QSB). BUT ... might be worth checking around sundown for 30-45 minutes of "grey line" propagation. This would particularly favor north-south skip.
- 20M - will be the main band during the daytime. Flux is high enough to support good propagation although combined with the unsettled geomagnetic field will offer some absorption. This means long path DX signals may be kinda weak, but local QSO's will be a function of where your signals land.
- 40M - will be open all day as it always is (40M is not effected by the solar flux). During daylight hours, it will be noisy. After about 3pm local, it will quiet down as the sun angle lowers, and will be very good around dark until the end of QRPTTF.

QRPTTF STRATEGY:

Here's what we're going to do from the CA/NV border. We're gonna setup two stations ... one on 20M using a Spider antenna, and the other station will be for 15M/40M using a tuned 40M inverted-vee, which is also resonant at 15M. If 15M is open at all, one will be on 15M, the other on 20M. After we "milk out the band," the operators will change stations (literally just change chairs) and swap working the two bands. In the afternoon, we drop down on 40M periodically to check it out, and of course work it when activity is good, with the other station still on 20M.

This way, we can work 3 bands with 2 antennas, and of course work 2 bands simultaneously in spite of the 2 stations only being yards apart. We'll be using our own calls, not a multi-op, so listen for NA5N, KI6DS and N0QT signing NA/CA/DENNYS (just seeing if you're paying attention!)

That's one strategy to consider ... of course your mileage may differ. And if that doesn't work for us, next year we're bringing the crankup tower :-)

Band conditions will be a bit mushy, but still sufficient to support a good contest with plenty of QSO's. Nothing to wipe out QRP signals. It also means 20-15M propagation paths will be changing constantly since the E and F layers aren't being ionized real heavy. So that means what you hear one hour may be totally different the next. If 15M sounds dead, keep checking it (and 10M) periodically for sporadic openings.

Have fun everyone, whether you stay at home, go to the field, find that Taco Bell, a border location, camp out for the night or whatever. As for us, the only place we could find to spend the night was Circus Circus in Las Vegas. Bummer.

CU saturday,
72, Paul NA5N/6/7

Date: Wed, 21 Apr 1999 20:57:42 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: qrp-1@Lehigh.EDU
Subject: [38672] QRPTTF: LAST Op Hit List Update (4/21/99)
Message-ID: <199904220357.UAA01253@usr01.primenet.com>

Howdy Folks,

My *LAST* QRPTTF Op Hit List update. Time to hit

the road. Obviously you can still operate without being on the list. *8-) This is simply the last time I'll annoy all of you by posting it. ;-)

Feel free to send out your own announcement!

8 new ops/groups added, including N1PWU (Bob) in RI. 2xQRP WAS chasers take note! We also have an official Taco Bell Op - WB6MFS (John). May the Maalox be with you, John. :-)

I won't be answering any more email until late next week, so please be patient. Thanks again for your support!

Hope to work ya!

Cheers de AB7TT,

-Joe, vole@primenet.com, Random NorCal Contest Critter

"If it ain't fun, you ain't doin' it right!" -The AZ ScQRPions

QRPTTF OP LIST (As of 4/21/99)

Taco Bell Ops:

CA/TACO BELL - WB6MFS (John), in the Mojave Desert.

Border Ops:

IL/IN	- KV2X (Tom)
AZ/NV/CA	- KD6CC (Roger) & AC6UV (Gody)
MN/WI(?)	- W0UFO (Mert) & W0QIK (Thor)
MN/WI/IA	- N0UR (Jim) and ???
GA/SC	- K04WX (Mike) & AE4GX (Sam) of the N. Georgia QRP Group
IA/NE	- KI0AF (Mike)
AK/VY1	- KL7H (Bruce), WL7VO and others
MO/OK/AR	- N0EA (Wayne), N0DT (Dan), K5ALU (Red), K0BC (Gary) & more.
WY/NE/CO	- KI0II (Ron)
IN/MI	- NY9A (Alan), N9QIL (Ken), NJ9S (Bruno), WD4MSM (Barry) & more.
AZ/NV/UT	- W7TAO (Scott), K7ZEN & Bruce, N7CEE)
NV/CA/???	- KI6DS (Doug), NA5N (Paul) & N0QT (Jan)
TX/OK	- AB5UA (Clif) & K5AAR (Don)
TX/OK	- K5FO (Chuck)

SD/WY - WU0H (Keith) & N0SXX (Gary)
AZ/CO/UT/NM - KK6MC/5 (Jim) and ???
VT/NH/QUE - K1VP (Ed)
VA/TN/NC - N4ROA (Dan), N4DD (Dennis) & KM7W (Marty)
WA/BC - N7RR/VE7HR (Bruce) & KD7CEL (Margaret)
VA/MD - W4IM (John)
AZ/NM - AK7Y (Greg)
AZ(/NM?) - KI7MN (Bob), N7XJW (Bertie), W5VB0 (Brian) and ???
NY/VE3 - AE2T (Al)
NH/ME - KB0VCC (Dale)
ID/MT - K7TQ (Randy), WA7SSA (Niel) & AB7TT (Joe)
AZ/XE2 - KE7MU (Brad)
(MO/KS/OK ?) - W0CH (Dave)

Un-Border Ops:

RI(!) - N1PWU (Bob)
GA - W4ED (Bob-not-Ed) :-)
LA - K4MSW (Todd)
CA - WE6W (Ed)
NJ - WQ2RP (NJQRP), w/ N2CX (Joe) and other NJ QRPers.
NJ - N2SMH (David)
AK - AL7FS (Jim) & AL7OK (John)
CA - W6RA (Randy)
SD - K0EVZ (Doc) along the Sioux Reservation border
CA - AC6KW (Jeff) & KQ6DV (Tom), foot-mobile in the mountains
CA - K7GT (Allan)
CA - The Delta Mudchucks: AB6MB (Jeff) & K06GF
NM - WA5WHN (Jay) & WB5LYJ (Judy)
ON - VE3QDR (Durham Region QRP Club - Ops: VE3KQN, VA3JE, VE3REP)
IN - KB9BVN (Brian)
WA - WA20CG/7 (Michael)
HI - KH6B (Dan) and friends

Date: Wed, 21 Apr 1999 01:28:15 -0400
From: "Al Gritzmacher" <ae2t@bigfoot.com>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [38673] QRPTTF NY/VE3
Message-ID: <000601be8c74\$4ee3cec0\$665502d1@laptop>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Starting to get excited about QRPTTF. Did a quick antenna check-out in the back yard the other day and made a homebrew center insulator for 350-ohm ladder-line out of some plexiglass in case I want to use a horizontal wire.

A couple of you asked where I was going to be. Well, I wasn't ignoring you, I just hadn't decided yet. I took a drive today and found a couple of likely spots. I now plan to operate from the banks of the Niagara River on Grand Island NY. If anyone is into the US Island awards, it has a USI number. This is on the west side of the island and looks directly across at the Canadian shore.

Hope to be enjoying good weather and propagation. I'll be on 40 and 20 with a SW40+ and a NC20. Antennas will be the SLV with the WB6MMA coil for 40 and a 16' wire for 20 and the ZM-2/Ladderline/flattop if I can get it up in some trees. Maybe I'll get real ambitious and pack up the Gladiator vert for 40.

So look for me with the border SPC of NY/VE3 for a quick 15 pointer! (Counts as DX!)

72,

Al AE2T

Date: Wed, 21 Apr 1999 23:03:55 -0500 (CDT)
From: aweiss@usd.edu (Ade Weiss WORSP)
To: qrp-l@lehigh.edu
Subject: [38674] RE: Read Mail on Browser
Message-ID: <199904220403.XAA07633@sunburst.usd.edu>

Hi gang -- perhaps everyone knows about this, the most efficient and aggregation-free of reading the QRP-L without paging thru a digest.

<http://listserv.Lehigh.EDU/lists/Archives/qrp-l>

Threads are grouped.

You don't have to read anything you don't want to, and never have to use the DEL key!

72, Ade

Date: Wed, 21 Apr 1999 21:04:49 -0700 (MST)

From: Joe Gervais <vole@primenet.com>
To: qrp-1@Lehigh.EDU
Subject: [38675] QRPTTF: Final Notes, Last Message
Message-ID: <199904220404.VAA01608@usr01.primenet.com>

Howdy again Folks,

My LAST email transmission for the week. If you have ANY questions re: QRPTTF and you can't get ahold of Paul or me, remember the QRPTTF Rule 0' Thumb:

JUST RADIATE AND SMILE!

We can figure out the details later. Scoring, borders, whatever. Don't sweat it, don't let it get in the way of having a nice day of QRP on HF with old and new friends. Just get on the air and have a good time. Maybe take a picture so we can get it on the NorCal website.

That is all. Live long and resonate. Picard out. :)

Cheers de AB7TT,

-Joe, vole@primenet.com, Random NorCal Contest Critter

"If it ain't fun, you ain't doin' it right!" -The AZ ScQRPions

Date: Wed, 21 Apr 1999 23:08:53 -0500
From: "Mark Hogan" <mhogan@email.msn.com>
To: "Low Power" <qrp-1@Lehigh.EDU>
Subject: [38676] NC-20 Reciever...HOT!
Message-ID: <001d01be8c75\$d6f07e20\$6311fed0@compaq>

Well I've finished section 13, Thanks Dooly if it were not for you I would have not seen my foax paux on the resistors touching. I found a sig at .050 and started tuning... this is too good to hear it come alive.
Man I need to find a 10 turn pot.

Thanks to all for the responses earlier. This is a great list!

Hogan / N50BC

Date: Thu, 22 Apr 1999 00:43:35 EDT
From: N7YA@aol.com
To: qrp-l@lehigh.edu
Subject: [38677] Re: [LowPowerDX] New Coastal Radio list...and other stuff
Message-ID: <e936503d.245002f7@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi again, guess what....i forgot to tell you all how to get there. sorry about that, i was tired. to subscribe, send a blank email to coastalradio-subscribe@egroups.com. i hope to see many of you there and look forward to hearing from the veterans who were working at these stations.

73...Adam, N7YA

Date: Thu, 22 Apr 1999 00:44:27 EDT
From: Kb4utv@aol.com
To: qrp-l@lehigh.edu
Subject: [38678] FS: MFJ 9015
Message-ID: <5fa58e47.2450032b@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

New in box, MFJ 9015 used just once. Received new two days ago. Just don't care for it. Will wait for Ten Tec Tkit for 15 meters. Will let go for \$125 and I'll ship. 72's John KB4UTV

Date: Thu, 22 Apr 1999 00:28:02 +0000
From: "Steven Weber" <kd1jv@moose.ncia.net>
To: Kb4utv@aol.com
Cc: qrp-l@lehigh.edu
Subject: [38679] Re: Help with MFJ9015 AGC
Message-ID: <199904220512.BAA10190@moose.ncia.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII

Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

> Just got a new MFJ 9015 cw rig, but I am not use to the AGC. The radio when
> on always "pops" and makes it hard to copy cw, you get a split second of
> silence. Is this normal? I checked the voltage for the AGC and it is OK.

It sounds to me like the AGC is slow to react to a signal, then overcompensates. There well could be a problem, like some caps and/ or resistors the wrong values or in the wrong locations. I'd contact MFJ and ask. (If you have a problem with a rig, it's generally a good idea to contact the manufactur first...)

A side note about AGCs...

I had similer problems in building audio derived AGC circuits. I was putting the audio peak detector after the audio band pass filter, but was trying to control the signal at the IF amp. Turns out there is a significant delay of up to several milliseconds for the signal to travel through the audio filter. This was causing the pop, as the AGC had not yet responded to the strong signal. By the time it did react, there was already a strong signal "buffered" in the audio filter.

The solution was to put the audio level detector before the audio filter. This however, leads to another problem. If the IF filter is farily wide (or non-existant as in a DC Rx), strong near-by signals will "pump" the AGC. Owners of the QRP+ rigs notice this problem.

So, it is a trade off. Do you want to eliminate the "pop" or do you want to live with AGC "pumping"? Personally, I find the consistant popping more annoying than the ocassional pumping.

The ideal solution is to have a narrow IF filter for CW and to have RF derived AGC.

72,
Steve, KD1JV in the white Mountains of New Hampshire
"melt solder"

Date: Thu, 22 Apr 1999 01:48:41 -0400
From: "Al Gritzmacher" <ae2t@bigfoot.com>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [38680] Re: speaking of logging computers.....

Message-ID: <004201be8c84\$04612680\$665502d1@laptop>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

>

>Hi. I know this question has been asked, but i have never seen the reply.

I

>was just wondering if there was any computer logging programs (shareware)

>that I can use for this wonderful contest coming up, QRPTTF.

>

>

>Thanks in advance,

>Ben - NW7DX

One of the problems in getting a logging program author to support a given contest with their software is the scoring issues changing from year to year. The QRPTTF seems to be a 'theme' contest with different twists to the scoring each time.

I haven't used all of the logging programs, but the one I do use and will probably use for QRPTTF, if I decide to take the computer along, is TR-Log. It can be set up for many contests and has many options that can be used to customize it for others that it doesn't specifically support. For QRPTTF, the points per QSO depends on the number of SPCs. Border stations will count for two or more and might be worth 10-15-20 points. TR-Log doesn't handle this gracefully, it only recognizes one mult per QSO. But it will record the QSO and I'll manually total things up afterwards.

NA claims to be able to be customized using templates for any contest. I have no idea if it is flexible enough to handle this contest, though. CT, I haven't used since ver. 7, which is ancient by now, but I suspect it won't do much better than just record the QSO information either.

Unless the contest settles on a standard format from year-to-year, (something I don't think we really want to do) the logging programs probably won't add specific support for this contest.

72,

Al AE2T

Date: Thu, 22 Apr 1999 01:11:51 -0400
From: "Al Gritzmacher" <ae2t@bigfoot.com>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [38681] Re: Newsgroups and Email Reflectors
Message-ID: <004101be8c84\$03549880\$665502d1@laptop>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

>

>

>Does anyone else out there get the general impresssion that
>newsgroups and emeil reflectors are the electronic equivalent of
>hanging around a downtown bus depot at 2:00 in the morning?

I don't know, I never hung around a bus depot at 2:00 in the morning. [8-)

I do think big signature files are the equivalent of the graffitum on the
bus station wall, though.

72,

Al AE2T

Date: Thu, 22 Apr 1999 02:31:07 -0400 (EDT)
From: Bob Patten <n4bp@bc.seflin.org>
To: QRP-L Reflector <qrp-l@lehigh.edu>
Cc: Kevin Bunin <sbrowrdbor@aol.com>
Subject: [38682] QRPTTF / FQP, N4BP
Message-ID: <Pine.3.89.9904220247.A3353-01000000@bc.seflin.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; CHARSET=US-ASCII

Unfortunately, the QRPTTF and Florida QSO Party are again on the same weekend.
Being a Florida type and a member of the sponsoring club (Florida Contest
Group), I must again concentrate my efforts on the FQP. But we did work a
number of you TTF guys last year and hope to again this weekend.
K4PG and I will be mobiling through 21 FL counties using an IC-706MKII and
Hustler antenna. We will be CW only and expect (from NA5N's propagation
report) that most of our daylight Q's will be on 20 Meters. We will also be
on 40 Meters when advantageous.

So take a peek down around .035 - .040 every once in a while for N4BP. We could use QSO's from any of you every time we change counties. We will be identifying our current county with every CQ. For example, from my home county of Broward, you will hear N4BP/BRO calling. Hope to work several of you this weekend! And good luck to all you adventurous people who will be out in the Field!

73,

Bob Patten, N4BP ' ' ' ' (0 0) Plantation, FL
-----o00o-()-o00-----

E-Mail: n4bp@bc.seflin.org
Web Page: <http://wg104a.wh.uni-stuttgart.de/~n4bp>
Brass Pounder BBS: (954) 472-7715

Date: Thu, 22 Apr 1999 08:36:05 +0200
From: iapizloj@bicc00.bi.ehu.es (Jon Iza)
To: qrp-l@lehigh.edu
Cc: iapizloj@bicc00.bi.ehu.es
Subject: [38683] Attention stamp lovers
Message-ID: <9904220636.AA33594@bicc00.bi.ehu.es>

Gang,
the Spanish ham society URE (Union de Radioaficionados Espa~noles) is celebrating this month its 50th anniversary.
The Post office has been very kind to us and last Friday an official stamp was emmited. It serves for International mail to Europe (70 pesetas).
Over a background with the colors of the gflag there is a tower with a 3el beam and concentric circles, a mike, a straight key and the symbol for URE which follows the pattern of most ham societies: rombic, with earth, cap, coil and antenna.
If anyone is especially interested on getting one stamp, please let me know.
If you want it for a collection, I may send it inside the envelope, not outside.
Be well.
jon, ea2sn

OBQRP: really nothing , but I'm a proud member of URE for the last 25 years...

Date: Thu, 22 Apr 1999 02:18:02 -0500
From: "Chuckee" <cdhamel@pdq.net>
To: "QRP-L Mailing List" <qrp-l@Lehigh.EDU>
Subject: [38684] SWL 40+
Message-ID: <013701be8c90\$43a022e0\$c91890d1@charles>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I am seriously thinking about ordering the Small Wonder Labs SW 40+
I have built a Ramsey 40 meter receiver kit with no problems.
Can I get some of your opinions whether this is a easy project for a
beginner.

And also some of you who own this kit, I would like to talk to you
about your opinion on how good this little radio is.

As always Thanks All

Charles (KC5DXQ)

Date: Thu, 22 Apr 1999 00:27:57 -0700
From: "Radman" <radman@best.com>
To: <n1yuk@nemaine.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [38685] Re: Wattmeter
Message-ID: <199904220725.AAA22872@proxy4.ba.best.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Perley,

Diamond offers their SX-200 wattmeter/SWR bridge for ~ US
\$100 at HRO. This is a compact, commercially-built meter
with 3 power ranges: 5/20/200 watts. It works very nicely
as a QRP wattmeter. The SWR bridge is handy as well. I use
both the Diamond and the OHR.... both nice products :-)

GL/72 - Conrad Weiss - NN6CW

What's available for a QRP wattmeter besides the Oak Hills
unit please?
Perley, #1936

Date: Thu, 22 Apr 1999 10:38:40 +0300
From: Arjen Raateland <Arjen.Raateland@vyh.fi>
To: QRP-L <QRP-L@lehigh.edu>
Subject: [38686] K2 SSB option production date?
Message-ID: <371ED200.E1D@vyh.fi>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

I read somewhere that the Elecraft K2 SSB option is the last of the
options to become available. Does anybody here know what the planned
production date of the SSB option is?

--
Arjen Raateland
Finnish Environment Institute
SAS Support
phone +358 9 4030 0350

Date: Thu, 22 Apr 1999 00:17:23 -0800 (AKDT)
From: Bruce Hopkins - KL7H <kl7h@eagle.ptialaska.net>
To: qrp-l@lehigh.edu
Subject: [38687] KL7H / C6A Log on line...
Message-ID: <v03007800b3441a6a06b4@[208.151.118.32]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Gang...

All logged contacts for KL7H/C6A are now up on the website... I have
included one picture of the operating position and should have more on the
site as soon as they are processed... If we worked between March 17 and
April 15, 1999 and you do not find yourself in the log, drop me a line as I
still have all paper copies of my logs...

The URL for the KL7H/C6A site is: <http://www.qsl.net/kl7h>

Take care and have fun, look for you all on QRPTTF this weekend...

72 / 73 / oo's - Bruce - KL7H
Fairbanks, Alaska

"Alaska QRP Club" - Web Site: <http://www.ptialaska.net/~bhopskins/akqrp>
- 10 Meter Beacon: 28.282.28+/- KL7AQC / BCN

Date: Thu, 22 Apr 1999 00:33:36 -0800 (AKDT)
From: Alaska QRP Club <akqrp@eagle.ptialaska.net>
To: qrp-1@lehigh.edu
Subject: [38688] AKQRP Club on the KL7 / VY1 border this weekend...
Message-ID: <v03007801b3441c92886a@[208.151.118.55]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Gang...

It looks like the road to the KL7 / VY1 border is passable and barring any unforeseen change in the weather, we should be operational for QRPTTF... This year it will be a group effort to include: Dick - WL7VO, Andre - KL7AC, and Bruce - KL7H... We hope to be active on 40 /20 /15 and will operate 10M if the band opens up to the Northern latitudes... We have not made a decision yet on what call we will use but it will be either KL7H for brevity, or KL7AQC... Since there is no Club Call multiplier, we will probably go with the shorter call...

Here's wishing everyone a fun time this weekend... If you have a beam, don't forget to point it towards Alaska from time to time... We will be listening for you from 141 W...

72 - Bruce - KL7H

Alaska QRP Club - KL7AQC
Alaska QRP Club 10 Meter Beacon - KL7AQC / BCN - 28.282.28
Alaska QRP Club Web Site: <http://www.ptialaska.net/~bhopskins/akqrp/>

Date: Thu, 22 Apr 1999 04:50:50 -0400
From: "Ed Tanton" <n4xy@att.net>
To: "QRP-L Reflector" <qrp-l@Lehigh.EDU>
Cc: "BoatAnchor Reflector" <boatanchors@theporch.com>, "SEDXC" <SEDXC@contesting.com>, "North GA QRP" <nogaqrp@qth.net>
Subject: [38689] Amateur Radio Stamps
Message-ID: <000a01be8c9d\$392e1cb0\$01010101@n4xy>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I recently found a great source for the 1964 Amateur Radio stamp and the Voice of America stamp. I thought some of you might be interested. Bob also has the first day covers (stamped, canceled, w/no writing or address -envelope and stamp.)

I'm not a stamp collector, and I'm NOT getting anything out of this at all... it is just a good deal on some neat ham radio stuff. I'm going to frame the sheet of stamps along with the first day cover. I think these two radio-related stamps, framed like that side by side on the wall would be great looking. Bob is a nice guy to deal with, and all of these are way below what they went for on ebay (a different dealer-who is also a nice guy-but more costly thanks to ebay.)

Contact Bob Miller at <bobmiller@msn.com> for email, if you're interested. If not, please excuse the bandwidth.

Voice of America:

Mint sheets - \$12.00
First Day Covers - \$10.00

Amateur Radio:

Mint sheets - \$15.00
First Day Covers - \$10.00

US shipping (for up to three items).

If sheets are included, \$1.00. Otherwise 55 cents.

Canada shipping:

With sheets, \$1.25. Without, 77 cents.

Rest of the world:

With two sheets, \$2.60. With one sheet, \$2.20. Without sheets, \$1.00.

Date: Thu, 22 Apr 1999 06:09:37 -0400
From: "Brian J Keegan" <brimail@home.com>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [38690] Mobile power wiring
Message-ID: <001e01be8ca8\$3c92ca80\$12960318@cc1016490-a.vron1.nj.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I installed commercial radios in the late 70's. Most of our work was for police, fire, first aid squads, and road departments. We also did businesses such as trucking, construction, buses, etc. We ran the positive lead directly to the battery unless there was a power tap close by. If I remember it correctly some of the Chrysler products had a solenoid relay mounted to the side wall near the battery. It had a short lead that ran directly to the battery. Instead of disturbing the main power lead on the battery we'd connect to the positive terminal on the solenoid. GM products started coming with a power tap that was mounted less than a foot from the battery. Large inline fuses came with each radio - only one - for the positive side. Radios did not come with fuses for the ground leads back then. At least not the commercial GE, Motorola, RCA, units we installed. Most had large "units" that were mounted in the rear trunk of a car or in the case of a truck on the wall behind the seat or under the seat. A thick "control cable" was run under the carpeting to the front of the vehicle to the control head location. The positive power lead followed the control cable then continued thru the firewall to the battery. In this type of installation we grounded the unit close to where it was mounted to keep the ground lead short. We did this by drilling a hole into the body and installing a 1/4x20 bolt to create a ground stud. Most of the ground leads back then were only a few feet long to promote this practice. We soldered everything!

In a case such as a small one piece transceiver (like a ham rig or today's commercial radios) that's being installed in the passenger compartment of a car we ran both leads to the engine compartment and connected the positive line as stated above. The negative lead would be connected to wherever the battery negative cable was connected, usually on the side wall of the engine compartment, or we'd install our own ground stud. I don't recall seeing dual fuses until I bought my first Kenwood mobile 2 meter - a TM-241.

Brian KF2HC

Date: Wed, 21 Apr 1999 19:34:59 -1000
From: Peter Demmer <ampruss@hits.net>
To: rattray@gpfn.sk.ca
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [38691] Re: PSK31
Message-ID: <371EB503.2A03@hits.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Bruce Rattray wrote:

>
> Looks like another interesting mode to be explored....I don't have a Sound
> Card so first things first....I run a 386 and a 486 in the shack...looking
> at the catalogues of computer stuff, I see there are different Sound
> Blaster cards available....of course I don't know which one I should
> purchase....
>
> (1) - Sound Blaster 16 Wave effects - \$69.00 - all prices Canadian.
> (2) - Sound Blaster AWE64 Value - \$139.00 -
> (3) - Sound Blaster PCI 128 - \$99.00 -
> (4) - Sound Blaster Live value - \$139.00 -
> (5) - Sound Blaster AWE64 Gold - \$209.00 -
>
>any opinions on what I need for PSK31 would be appreciated....thank
> you very much.
>
> ...72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
> A-1 Operator Club - 10/10# 944 - Regina, Saskatchewan. Canada
> "QRP! How sweet it is!"

Peter wrote;

Me too Bruce. For the list of knowledgeable PSKers, I have an old Zenith
8086 set up for VHF packet running on a floppy. Wonder if it is
feasible to work up the correct sound blaster into this Zenith lap top
box or cobble it outboard? Gotta get this mode up and running for the
12 VDC PWR bus for FD 99. Aloha Peter

Date: Thu, 22 Apr 1999 04:16:05 -0700
From: David Fifield <fifield@pacbell.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [38692] RS 22-503 Switching Power Supply
Message-ID: <371F04F5.F6B0ACE@pacbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Guys,

First - a warning - DO NOT open your 22-503 power supply with it plugged into an AC outlet and don't attempt the mod I suggest below unless you absolutely **KNOW** what you are doing. There are lethal voltages inside this unit - be very careful!

I had a look inside my new 13.8V 3A Radio Shack PSU tonight. It uses a Power Integrations TOPS II switch device, the TOP226Y. The circuit is very simple. I traced out the schematic a bit and compared it to the Power Integrations datasheet on the web. I found the circuit to be very similar to the one on page 7 of the datasheet at:

<http://www.powerint.com/PDFFiles/top221-227vc.pdf>

If you replace R1 with a 5000ohm ten turn precision trimpot, you can vary the output voltage from about 13.5V to over 16.5V (don't go too high!). Certainly, you can control the output voltage very accurately around 14V, which is where I know all you K2 builders using internal batteries want to be.

You opened up your unit and couldn't see R1? That's because it's a surface mount 3900ohm resistor on the underside of the PCB - you have to more or less completely dismantle the power supply to get the board out to have at R1.

It's not a bad design. I don't like the way the power output wires track all the way to the back of the unit over the switcher again (they are bound to pick up noise doing this). Screened leads or repositioning the output terminals might be cures for this....YMMV.

BTW, I **DO** have a vested interest in Power Integrations, so my opinion here is biased - I have a substantial block of POWI shares in my retirement portfolio!

72, Dave Fifield, AD6A

Date: Thu, 22 Apr 1999 07:48:08 -0400
From: "Paul Helbert, Wv3j" <phelbert@rica.net>
To: cdhamel@pdq.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [38693] Re: SWL 40+
Message-ID: <371F0C78.124728A@rica.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Charles,

If you are careful about following directions and have developed good clean soldering techniques, you should have no trouble building NN1G's SW40+. It was the rig done by several hundred of us simultaneously a year back as part of the "Elmer 101" project. The archives of that are now available in booklet form, but Dave's instructions are complete and very good in and of themselves. There are lots of folks on this list who have knowledge of the rig and can help, should you get stuck.

I have half a dozen ways to get on forty meters. I use the SW40+ more than all the others as it works well, sounds good and is great fun. It is also light weight and draws little current. My signal reports are consistently good.

Hope this helps,

Paul, Wv3j

Date: Thu, 22 Apr 1999 04:59:12 PDT
From: "Jeff Hahn" <kr4ys@hotmail.com>
To: qrp-1@Lehigh.EDU
Subject: [38694] A rookie's question
Message-ID: <19990422115913.69338.qmail@hotmail.com>
Mime-Version: 1.0
Content-type: text/plain

How tight should toroids be wound? Should the wire be flush with the toroid or should I just pull with wire tight and not worry about the

space between the wire and toroid?

Thanks.

Jeff, KR4YS

Get Free Email and Do More On The Web. Visit <http://www.msn.com>

Date: Thu, 22 Apr 1999 05:07:59 -0800
From: "Dan Hogan" <dhhogan@concentric.net>
To: goodroe@worldnet.att.net, qrp-l@Lehigh.EDU
Subject: [38695] RE: Email Stoppage
Message-ID: <199904221159.HAA08821@mcfeely.concentric.net>

Got it.

>
> To the group,
> As of last Friday, there have been no postings received by me from
> the QRP-L reflector, and I'm beginning to suspect that somebody may have
[Snip]
> If anyone should receive this posting, would they please contact
> me directly, as well as through the reflector, to acknowledge that this
> posting was received and distributed. If my suspicions are correct, then
> nobody with a Primenet or Frontier Global email address can use the
> reflector.

Dan Hogan WA6PBY
dhhogan@concentric.net
QRP-L #558

Date: Thu, 22 Apr 1999 13:08:52 +0000
From: "Frank G3YCC" <frank@g3ycc.karoo.co.uk>
To: qrp-l@lehigh.edu
Subject: [38696] Email change
Message-ID: <E10aIGu-0003jm-00.1999-04-22-13-08-00@svr-a-05.core.theplanet.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

Please note my email details are changing and all mail should now be

sent to

frank@g3ycc.karoo.co.uk

The 'old' email address is still valid - for a while.

Myweb pages will also change. As it is a very large web site, with more than 10mb of data, it has been a gigantic job altering all the files! The new url is <http://www.karoo.co.uk/g3ycc> and I would very much appreciate if anyone has the time to check it out for me. There will surely be mistakes and broken links and it would greatly assist me if any of you could check for me. As I do not wish to distrust the enjoyment you get from the site, I am maintaining the old one <http://www.homeusers.prestel.co.uk/g3ycc> for a couple of months, as well as the new site.

I will delete the old site as I say, later. If you know any sites that have links to mine, please pass on the info on the new url.

Best wishes all

Frank G3YCC

Date: Thu, 22 Apr 1999 07:19:30 -0500

From: W5TB <w5tb@softhome.net>

To: ki6ds@dpol.k12.ca.us, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [38697] More Hamcom 99 info - BOOK YOUR ROOM ASAP

Message-ID: <3.0.3.32.19990422071930.00754e5c@pop.SoftHome.net>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Highest Gang -- the HAMCOM excitement grows and we are hearing of more and more attendees daily.

The list now includes:

1. Ed Manuel
2. Stuart Rohre
3. Joe Spencer
4. Barbra Spencer
5. Doc Drake
6. Larry Wise
7. Jay Bromley
8. Chuck Adams
9. Doug Hendricks
10. Jim Cates
11. Paul Harden
12. Jerry Parker
13. George Dobbs
14. Graham Firth
15. Tony Fishpool
16. George Pierce

17. Glen Reid
18. Kelsey Mikel
19. Jim Kortge
20. Jerry Parker
21. Jim Duffey (Dr. Megacycle)
22. Dub Thornton WA5YFY
23. Clif Sikes AB5UA
24. Dick Stemson KK5X0
25. Vic Turner WA6EIW
26. John Carter W5LGO
27. Vernon Hatley KK5R0
Out of pocket, but very good possibilities are:
Burl Keeton N5DUQ
Bob Hynd N5URL

NORCAL is arranging for laminated ID's for those who let us know they are coming and we are working on prizes, some of which will be awarded to folks on this list. If you are planning to attend HAMCOM and your name isn't on the list, please let me know!

Please note that the following are the hours for this years HamCom Event:

Commercial Exhibitors

Friday from 1:PM until 9:PM
Saturday from 9:AM until 5:PM
Sunday - NONE

Flea Market Exhibitors

Friday from 1:PM until 9:PM (set up 7:AM)
Saturday from 7:AM until 5:PM
Sunday from 9:AM until 2:PM

Outside Flea Market Vendors

Friday from 1:PM until 9:PM
Saturday from 7:AM until 5:PM
Sunday from 9:AM until 2:PM

If you are traveling into Arlington please *be aware that this is a baseball weekend*. HAMCOM officials are suggesting that those needing hotel accommodations make them quickly. For your reference the following hotels have rooms blocked for HamCom:

HamCom Hotels (HAMCOM's list)

Courtyard by Marriott, Arlington
817/227 2774
800/321 2211
Room Rates: \$94.00 standard/double room nightly

AmeriSuites, Arlington
817/649 7676
Room Rates: \$89.00 nightly

LaQuinta 6 Flags, Arlington
800/531 5900
Room Rates: \$73.00 nightly

Hawthorn Suites, Arlington
817/640 1188
Room Rates: \$79.00 nightly

Sleep Inn, Arlington
888/753 3762
Room Rates \$76.00 nightly

Harvey Suites, DFW North
972/929 4500
Room Rates: \$89 nightly (including deluxe Continental Breakfast)

Marriott, Arlington
817/261 8200
Room Rates: \$139.00 nightly

73 T.E. 'Doc' Drake W5TB

Arlington, TX w5tb@softhome.net <http://www.qsl.net/w5tb/>
NORCAL ZOMBIE ARRL Life Member QRP-ARCI # 3252
QRP-L #673 FISTS # 5365

Date: Thu, 22 Apr 1999 09:04:58 -0400
From: Don Lefrancois <wb1cdh@cwix.com>
To: QRP-L <QRP-L@Lehigh.edu>
Subject: [38698] Antenna wire / Portable radio box !
Message-ID: <000701be8cc0\$cbfffc8e0\$a9433ea6@0302316260447626>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Guys,

For a while I have been searching for a source of antenna wire for portable QRP use. I am interested in bare stranded copper wire about #22 or #24. I have had no problem getting solid wire and magnet wire but although I could use them I feel the stranded copper wire would be much more pliable . Found a small piece they use to "seal" race engines and carburetors but that is only inches long. I need something of the length of 70 feet. Anyone know where I can find a distributor a wire that will fit my demands?

Also, a while back I saw a picture of a portable radio box, used for QRP work. The lid of the box opens up and serves as a writing table with all the radio equipment still in the box and ready to run. Has anyone seen what I am looking for and if so where can I get a picture of it. I want to build one for myself. Don't want to put my rig in the grass when using it for field day.

Thanks

Don/K1NNP
Jewett City, Ct. 06351

Date: Thu, 22 Apr 1999 09:21:26 -0400
From: elawson@lr.net (Ed Lawson)
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [38699] Re: SWL DSW
Message-ID: <19990422131506.AAA6482@office4.office.new>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Just visited the new Small Wonders web site and read the intro for the new line of DSW kits which will be coming out. Looks very exciting. Has anyone seen or been involved in testing these units?

Side question. Why are 15M QRP monoband kits rare? 15M is a favorite band of mine and seems suited to QRP. It would really be nice to have an SST or SW+ type rig for 15M.

Ed Lawson
K1VP

Date: Thu, 22 Apr 1999 07:22:08 -0600
From: Bruce Kizerian <kizerian@ced.utah.edu>
To: wb1cdh@cwix.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [38700] Re: Antenna wire / Portable radio box !
Message-ID: <371F2280.79158D82@ced.utah.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Don

Check out the "WireMan" at <http://www.thewireman.com/wire.html#antenna>. He has a good candidate for portable or "invisible" antennas product no. 534. He describes it as:

'Invisible' Toughcoat 'Silky' 26 AWG, 19 strand copper-clad steel with with the same jacket as 531, but super small for that 'low profile' antenna or pocket 'weekender' long wire. weighs less than one pound per 1000 feet!

The insulation is a "tough, high density, low-gloss polyethylene". Looks like a winner to me. I will be buying some later this year. Price is \$13.00 for 100 feet.

Bruce kk7zz

Date: Thu, 22 Apr 1999 04:33:52 -0500
From: "Mark Hogan" <mhogan@email.msn.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [38701] Re: SWL DSW
Message-ID: <009301be8ca3\$7a674a20\$6ae60181@mhogan-ws>

I share your quest for 15m kits.

I wish someone would explain the shortage. I have always liked that band best, (could possible have been caused by my lengthily wait in upgrading from plus to general) but I think it's a fun band.

Dave (of SW & now DSW fame, that DSW would be a really cool 15m rig, hint hint...) had found a kit for me, but I had already upgraded and got on the

insurance NC-20 block so the 15m quest was squelched by lack of money. Now that I'm almost done with the '20, have traded for a SST-40 and got the 38 special board and custom enclosure, I'll be hunting a 15m kit when I replenish my checkbook and get the 38 special running.

Mark Hogan/N50BC

>

>Side question. Why are 15M QRP monoband kits rare?

Date: Thu, 22 Apr 1999 09:59:46 EDT
From: Mercxx@aol.com
To: qrp-L@lehigh.edu
Subject: [38702] New Url
Message-ID: <24c51b2d.24508552@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi all,

Could someone send me the new web address for Small Wonder Labs (Dave Benson)? Thanks in advance.

73s
Steve
N4TKP

Date: Thu, 22 Apr 1999 10:07:32 -0400
From: "Edward A Kwik jr" <eakwikjr@hti.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [38703] Re: Antenna wire / Portable radio box !
Message-ID: <371F2D24.F2BD77F7@hti.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I used this wire on two antennas. It is a very good compromise of flexibility, strength, and ease of use. It been a very good performer for both portable and permanent installations.

Ed AB8DF

Bruce Kizerian wrote:

>
> Don
>
> Check out the "WireMan" at <http://www.thewireman.com/wire.html#antenna>. He has a
> good candidate for portable or "invisible" antennas product no. 534. He
> describes it as:
>
> 'Invisible' Toughcoat 'Silky' 26 AWG, 19 strand copper-clad steel with with the
> same jacket as 531, but super small for that 'low profile' antenna or pocket
> 'weekender' long wire. weighs less than one pound per 1000 feet!
>
> The insulation is a "tough, high density, low-gloss polyethylene". Looks like a
> winner to me. I will be buying some later this year. Price is \$13.00 for 100
> feet.
>
> Bruce kk7zz

Date: Thu, 22 Apr 1999 09:12:52 -0500
From: Doc - W5TB <w5tb@softhome.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [38704] Re:Flying to HAMCOM
Message-ID: <3.0.3.32.19990422091252.0071c888@pop.SoftHome.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>Hi Doc,
>All this talk of HamCom has me interested...
>Is there an airport in Arlington or one nearby?
>I'd be coming from Georgia if I come and would be flying
>out of Atlanta. I'd appreciate any info.
>
>72/73
>Shannon
>KB0JKW/4

You bet Shannon -- The DFW airport is 15 minutes away. For bargain Fares you might want to check my favorite web site <http://www.bestfares.com/> or <http://www.travelocity.com/>

73 T.E. 'Doc' Drake W5TB

Arlington, TX w5tb@softhome.net <http://www.qsl.net/w5tb/>
NORCAL ZOMBIE ARRL Life Member QRP/ARCI # 3252
QRP-L #673 FISTS # 5365

Date: Thu, 22 Apr 1999 07:16:55 -0700
From: Bruce Grubbs <bog@flagstaff.az.us>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [38705] Re: Logging With A Pocket Calculator
Message-ID: <3.0.5.32.19990422071655.0097d150@mail.infomagic.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hello gang,
I've been logging with an HP 100LX pocket computer for years, now. The 100LX is a DOS 5 machine, an 80C86, which is an 80286 compatible cpu. TR LOG 4.5 works just fine. The 2 AA batteries easily last through ARRL Field Day.

Bruce, N7CEE
bog@flagstaff.az.us

Date: Thu, 22 Apr 1999 10:42:41 -0400
From: "Kenneth W. Evans" <w4du@bellsouth.net>
To: QRP List <qrp-l@Lehigh.EDU>
Subject: [38706] FDIS Correction
Message-ID: <371F3561.17AD9A2A@bellsouth.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

My recent post mistakenly said that the FDIS QRP ARCI Awards Banquet was Saturday night. It will be Friday night, followed by a vendor social. The building contest is Saturday night.

Too much late evening typing!

72/3,
Ken
W4DU

Date: Thu, 22 Apr 1999 09:53:57 -0500
From: "Chris Cieslak" <ccieslak@law.uiuc.edu>
To: <ampruss@hits.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [38707] Re: PSK31
Message-ID: <002401be8ccf\$f39500a0\$6c1115ac@classifiedventures.com>

Peter-

Realistically speaking you will probably need to use a Pentium or k6-based computer to run PSK31 or most of the other sound blaster digital programs (for RTTY, SSTV, etc.) Unlike older TNCs, which contained all the processing power required to use the mode, these new programs make the processor in your computer do the work, and the 8086 (or 286, 386) can't handle the work all that well. You might be able to get away with using a faster 486 machine (50,66,75, or 100MHz) with 16 or 32 MB of RAM, but it won't be too speedy :)

Also, you'll need to run Windows 95 or Linux to use PSK31 with a sound card. Other digital modes that use the SB have programs for DOS as well.

If you need a cheap machine, i have been reading a lot about emachines (www.e4me.com) although i haven't actually used one yet. they start at \$300.

73 chris aa9hd

> Me too Bruce. For the list of knowledgable PSKers, I have an old Zenith
> 8086 set up for VHF packet running on a floppy. Wonder if it is
> feasible to work up the correct sound blaster into this Zenith lap top
> box or cobble it outboard? Gotta get this mode up and running for the
> 12 VDC PWR bus for FD 99. Aloha Peter
>
>

Date: Thu, 22 Apr 1999 10:23:06 -0700
From: w4bws@juno.com

To: ctrask@primenet.com
Cc: qrp-1@Lehigh.EDU
Subject: [38708] Re: Newsgroups and Email Reflectors
Message-ID: <19990422.110610.-159565.0.w4bws@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I like this group because it reminds me of sitting around the potbelly stove at the general store. Of course most of the members are too young to remember that.

Don Sanders W4BWS
694 E. Eau Gallie Blvd
Satellite Beach ,FL 32937
My favorite QRP rig glows in the dark

On Tue, 20 Apr 1999 16:38:23 -0700 (MST) Chris Trask
<ctrask@primenet.com> writes:

```
>  
> Does anyone else out there get the general impresssion that  
> newsgroups and email reflectors are the electronic equivalent of  
> hanging around a downtown bus depot at 2:00 in the morning?
```

```
>
> /      What's all this      \
> / extinct stuff, anyhow? /
> \ _____, -----'
> _ | /
> oo\
> (__) \
>   \    . - .
>   \    ' "
>   \    .
>   \    ( )
>   \    '-| )__| :.
>       | | | | \ '.
>       c__i c__i '...'>._
```

Circuit Design for the
RF Impaired

Chris Trask / N7ZWY
Principal Engineer
ATG Design Services
P.O. Box 25240
Tempe, Arizona 85285-5240

Technical Editor,
QRP Quarterly
QRP ARCI 9464

Email: ctrask@primenet.com
<http://www.primenet.com/~ctrask>

Graphics by Loek Frederiks

Don Sanders W4BWS
694 E. Eau Gallie Blvd
Satellite Beach ,FL 32937
My favorite QRP rig glows in the dark

Date: Thu, 22 Apr 1999 12:10:21 EDT
From: Mercxx@aol.com
To: qrp-l@lehigh.edu
Subject: [38709] Thanks
Message-ID: <4cb3948.2450a3ed@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Thanks to everyone who sent me the url for Small Wonder Labs.

72s

Steve
N4TKP

Date: Thu, 22 Apr 1999 12:53:40 -0400
From: Hank Kohl K8DD <k8dd@contesting.com>
To: qrp-l@lehigh.edu
Subject: [38710] FS: NorCal 20 + 10 turn pot SOLD
Message-ID: <4.1.19990422125233.013f0d80@192.0.0.1>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

NC-20 & 10 turn pot.

SOLD

*/ Hank Kohl K8DD k8dd@arrl.net
*/ ARRL TS <http://www.tir.com/~k8dd>
*/ MI-QRP - Vice Pres. QRP-ARCI - Director
*/ G-QRP ARRL/LM QCWA/LM QCAO/LM

Date: Thu, 22 Apr 1999 13:15:43 EDT
From: "George W. Lee" <k5ht@juno.com>
To: qrp-1@LeHigh.EDU
Subject: [38711] Sharp ZR-5000
Message-ID: <19990422.121516.7991.0.k5ht@juno.com>

On the subject of palmtop programming. Is there any programming available for the Sharp Zauros ZR-5000? I have one that is not being used and thought it might be good for logging when portable or mobile.

Anyone have help for this item and use?

Never cease to be amazed at all the answers to questions that asked. Most amazing is there are really answers and help.

Thanks,
73,72 George KR5C

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Thu, 22 Apr 1999 13:20:44 -0400 (EDT)
From: "Paul R. Valko" <prvalko@oakland.edu>
To: Mercxx@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [38712] Finding URLs Re: Thanks
Message-ID: <Pine.OSF.3.95.990422131636.9312B-100000@saturn2.acs.oakland.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 22 Apr 1999 Mercxx@aol.com wrote:

> Thanks to everyone who sent me the url for Small Wonder Labs.

Gosh Steve, if you thought that people giving you the URL was helpful, you are going to LOVE me...

try this next time you want to find a URL:

<<http://www.google.com>>

Type whatever you are looking for in that little white box, and PRESTO! you'll get tons of URLs with those words in the text.

I put "small wonder labs" (included the quotes, too) in the box and Dave's URL was the first one on the screen.

Teach a man to fish...

73! =paul= W8KC
Collector of Ten*Tecs and other fine plastics
<<http://www.acs.oakland.edu/~prvalko>>

Date: Thu, 22 Apr 1999 10:21:37 -0700
From: "Michael A. Gipe" <mgipe@reliablemeters.com>
To: "QRP-L list" <qrp-l@Lehigh.edu>
Subject: [38713] Congratulations 160 meter QRPers
Message-ID: <1c1e01be8ce4\$967ed840\$140a0a0a@double_trouble.reliablemeters.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I was thumbing through the May QST this morning before work, and landed on the 160 meter contest results page. A couple of familiar callsigns jumped out.

Congratulations to Ron KU7Y and Dan N4ROA for their excellent QRP scores! Each finished in second place in their division, and Ron set a new record for his section!

Fine show!

Mike K1MG

PS: Now guys, tell us about the antennas you used.

Date: Thu, 22 Apr 1999 12:43:55 -0500
From: "Chris Cieslak" <ccieslak@law.uiuc.edu>
To: <DENNISMO@aol.com>
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [38714] Re: PSK31
Message-ID: <006701be8ce7\$b21afe00\$6c1115ac@classifiedventures.com>

Denny is right... his setup should work FB. With tests on 486/33s running Windows 95 (when I was a network admin type-- we had a bunch of them still around that needed to go on people's desks) we found that with 8MB, you could forget it; 16MB was passable but you could go get a cup of coffee while waiting for Netscape to load, and with 32MB, performance would rival lower Pentiums (60,66,75,90,120) with 16MB.

Memory is more important than processor speed in most cases. If I could take a Pentium 200 w/ 64MB of RAM or a Pentium II 400 w/16MB of RAM, you bet I'd take the P200!

73 chris aa9hd

----- Original Message -----

From: <DENNISMO@aol.com>
To: <ccieslak@law.uiuc.edu>
Sent: Thursday, April 22, 1999 11:01 AM
Subject: Re: PSK31

> In a message dated 4/22/99 7:59:09 AM Pacific Daylight Time,
> ccieslak@law.uiuc.edu writes:
>
> > Peter-
> >
> > Realistically speaking you will probably need to use a Pentium or
k6-based
> > computer to run PSK31 or most of the other sound blaster digital
programs
> > (for RTTY, SSTV, etc.) Unlike older TNCs, which contained all the
> > processing power required to use the mode, these new programs make the
> > processor in your computer do the work, and the 8086 (or 286, 386)
can't
> > handle the work all that well. You might be able to get away with
using a
> > faster 486 machine (50,66,75, or 100MHz) with 16 or 32 MB of RAM, but
it
> > won't be too speedy :)
> >

> > Also, you'll need to run Windows 95 or Linux to use PSK31 with a sound
> card.
> > Other digital modes that use the SB have programs for DOS as well.
> >
> > If you need a cheap machine, i have been reading a lot about emachines
> > (www.e4me.com) although i haven't actually used one yet. they start at
> > \$300.
> >
> > 73 chris aa9hd
> -----
>
> Hi Gang ...
>
> I agree with Chris AA9HD; he makes some valid points. Probably anything
at
> the 80386 or lower will not work satisfactorly. However, my QRP PC is
doing
> the job just fine. I have compared it's PSK31 performance with a friends
> Pentium 233 and I see no difference.
>
> My PC is a 486-33DX with 32mb RAM and a SoundBlaster AWE32 card. I think
> that this may be the minimum amount of PC horspower that may get the job
> done! Not being a typist I initially thought that my PC was slow because
I
> could type faster than it could send data to the rig. Not so! My friends
> P-233 is just as slow. The good news is that the software utilizes its
own,
> or the system's keyboard buffer. So you can type ahead of the screen
> display. Who knows, this mode may make a typist of me yet, hi!
>
> Hpe this helps someone -
>
> 72 es God Bless de Denny AD6EZ<><
>

Date: Wed, 21 Apr 1999 20:09:13 +0200
From: "Peter Zenker" <Peter_DL2FI@csi.com>
To: <ap036@detroit.freenet.org>, "'Low Power Amateur Radio Discussion'" <qrp-
l@lehigh.edu>
Subject: [38715] AW: Funkamateur PA
Message-ID: <000001be8c37\$cf1803a0\$ae689fc1@zenkerpn>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 8bit
Content-Transfer-Encoding: 8bit

Steve, the PA has absolute no current, if you are in transmit mode, but I am sure, your solution to connect 12V is the better one.

The 5 or 6 PA I assembled by myself all give between 8.5 Watt and 9.5 Watt from 1800 kHz to 52 MHz at 13,8 Volt power supplies, the same has been reported by other OM. Whats about your driver power? The PA needs abt 250 mV RMS RF at 50 Ohm.

Those PA with less power most had problems with the transformers.

Peter

-----Urspr ngliche Nachricht-----

Von: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] Im Auftrag von Steve Sorrell

Gesendet am: Donnerstag, 22. April 1999 03:40

An: Low Power Amateur Radio Discussion

Betreff: Funkamateurl PA

Hi everyone:

I just completed installing the Funkamateurl PA to my Sierra. While not gaining the output power I was expecting, I did get a significant gain over the stock model. Here are the power output levels I have achieved after the installation as measured with an OHR WM-2 wattmeter.

28 MHz	2.5w
21 MHz	2.5w
14 MHz	4.5w
10 MHz	2.7w
7.0 MHz	4.3w
3.5 MHz	4.0w

While these numbers are not earthshaking, they are much better than my stock Sierra. My Sierra was putting out .9 watt on 28 MHz, 1.2 watt on 21 MHz, for example. So the output has doubled on these two bands. 14 and 7 MHz are slightly over a watt more output than when stock and 3.5 MHz is about 2 watts more out. I adjusted C33 and C36 again on each band module to peak them although they were very close to begin with. I tried changing R15 from 43 ohms to 56 ohms with negligible improvement.

After a qso on forty meters, I noticed the back panel (heat sink) was only slightly warmer than room temperature.

I would be interested in hearing from others who have performed this mod to their Sierra and any suggestions they might have. Feel free to email me any questions the list might have, I'll do my best to answer one and all.

One suggestion to those performing this mod. The instructions from Peter say to take power from the right side of D6. Don't do this!!!!!! It has

power on at ALL times when the power supply is on. The switch DOES NOT turn power off to the PA if you take the 12 volts from this point. A better idea is to take the power from the center leg of the power switch. I took it from underneath the board. You may have a better route but make sure the power to the PA is turned off when the rig is turned off.

I hope this has been of some help. I was really thinking there would be quite a few posts about this mod, but I haven't seen any. But then again, I had it on postpone while I was in Florida and might have missed the thread.

73/72

Steve Sorrell, W8SFF

Date: Thu, 22 Apr 1999 12:12:32 -0600
From: "Marshall Emm" <mgemm@mtechnologies.com>
To: qrp-1@lehigh.edu, cqclist@mtechnologies.com
Subject: [38716] QTTF Rules Query?
Message-ID: <199904221811.MAA29261@edison.chisp.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

I'm not sure this is a query as such, but I'm not sure what to call it unless maybe a statement of intention or something.

Anyhow it looks as if I might be able to locate myself at a nearby Taco Bell for part of the event on Saturday. The Taco Bell "category" is kind of unusual, and I have some misgivings. Signing CO/Taco Bell seems to me to be almost as objectionable as the proposed Swatc ads via amateur satellite. It could conceivably be construed as advertizing, and is bound to raise a few eyebrows among listeners who don't know what's going on.

So... assuming I do actually manage to get out there and operate, I will be signing CO/TB. If I get DQ'd for it (Dairy Queened?) so be it. Funny how I can bend my "principles" enough to go that far, but not all the way [g]. I hope in future QTTF's we can avoid such ethical dilemmas!

Marshall Emm
N1FN/VK5FN
n1fn@MorseX.com
Morse Express and Oak Hills Research
"Everything for the Morse Enthusiast"
<http://www.MorseX.com>
<http://www.ohr.com>
(303)752-3382
--

Date: Thu, 22 Apr 1999 13:25:12 -0500 (CDT)
From: Glen Stockton K5UP <ges@praxis.pcco.com>
To: qrp-l@lehigh.edu
Subject: [38717] WTB: Yaesu CW filter
Mime-Version: 1.0
Content-Type: TEXT/plain; charset=us-ascii
Content-Md5: LySnuFkvvrdSQzjfZ0aoRg==

Hello,
Looking for a CW filter for a Yaesu FT-301. It is
called XF-90C in the manual. If you have one or
know where one may be found please let me know.

Thanks,

Glen Stockton
k5up@qsl.net

Date: Thu, 22 Apr 1999 11:35:10 -0700
From: Bob Hightower <ki7mn@extremezone.com>
To: mgemm@ntechnologies.com
Cc: qrp-l@lehigh.edu
Subject: [38718] Re: QTTF Rules Query?
Message-ID: <199904221833.LAA26736@enterprise.extremezone.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 12:12 PM 4/22/99 -0600, you wrote:
s among listeners who don't know what's going on.
>

>So... assuming I do actually manage to get out there and operate, I will be
>signing C0/TB. If I get DQ'd for it (Dairy Queened?) so be it. Funny

how I
>can bend my "principles" enough to go that far, but not all the way [g]. I
hope
>in future QTTF's we can avoid such ethical dilemmas!
>
Sounds like a much better way to do it, to me.
72,73
Bob Hightower KI7MN

<http://www.extremezone.com/~ki7mn>

Date: Thu, 22 Apr 1999 14:26:30 -0500
From: "Brad Bradfield, PE" <b_bradfield@yahoo.com>
To: w4bws@juno.com, qrp-1@lehigh.edu
Subject: [38719] Re: Newsgroups and Email Reflectors
Message-ID: <371F77E5.B53F62D0@yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Now I'm not old enough to remember the general store, mind you, but I do remember the days when you could go to your local electronics parts house (pre-Rat Shack!) on Saturday mornings and usually find a few of the local hams to chat with, and the coffee pot always on.

72's es 73's,

Brad, W5CGH

Date: Thu, 22 Apr 1999 13:49:20 -0500
From: mjfitz@uswest.net
To: qrp-1 posts <qrp-1@Lehigh.EDU>
Subject: [38720] QRPTTF-IA/NE SITE
Message-ID: <371F6F30.59E8EDBA@pop.omah.uswest.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Ops--

Me 'n my buddies, Tom Sawyer and Huck Finn, will be headin' down to the river to set up for the contest. The boys are bringin' their

catfish poles and Tom is bringin' a couple a plugs of tobacco, and Huck says he's got a jug of hard cider stashed up in the hayloft... Huck is also braggin' that he's talked Becky Thatcher's older sister, Shome, into goin' with us, and is sayin' she likes to skinny-dip...hope the rain clouds now hangin' over the Missouri fly away soon...

I'll be running OHR100s on 15, 20, 40; LDG QRP auto-tuner into a homebrew 1:4 balun, then to twinlead. Will be runnin' off some gelcells. The RS speaker-wire antennas will be hung in a couple of the tall old cottonwoods on the riverbank, and we're taking some blueberry pie if Tom can swipe it off Aunt Polly's window sill...

Hope to work you all...if you don't hear me on the air, I'll be in the water...

Catch you on the air OMs, I'm

dreamin' on...

Mike KI0AF Mo.

Valley, IA

Date: Thu, 22 Apr 1999 11:04:17 -0700
From: "William Gaude" <bilgau@earthlink.net>
To: "QRP-L Net" <qrp-l@Lehigh.EDU>
Subject: [38721] Fw: For Oak Hills QRP Classic rig -- Need help
Message-ID: <000001be8cef\$947f5dc0\$e512b3d1@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

-----Original Message-----

From: William Gaude <bilgau@earthlink.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: Wednesday, April 21, 1999 3:09 PM
Subject: For Oak Hills QRP Classic rig -- Need help

>>From Mike, WK60 -- Am a new member and need help from owner of an Oak Hills

>QRP Classic rig:

>

>>From the manual, for trimmer C145, please send me the part no. and capacitor

>value so I can order replacement part from new owner. I called but he does
>not have easy access to the manual for helping me. A copy of your manual
>would be appreciated (and will pay for printing and shipping), but not
vital
>at this point.
>
>73 de Mike -- Reply to bilgau@earthlink.net
>
>

Date: Thu, 22 Apr 1999 14:07:34 +0000
From: Jay Bromley <w5jay@alltel.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [38722] George Dobbs ATT:
Message-ID: <371F2D25.63A60CCD@alltel.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I hate to do this though the list but didn't want George to think I was
ignoring his e-mail. George I tried to reply to your e-mail last night
and today at lunch. I stripped your e-mail address off your message
and when I try to send it just sits their waiting for a sent reply. I
will keep trying. Are you noticing any problems on your server?? So
far I sent out 20 e-mails since last night and all went out except
yours. It must be Cyber Gremlins. If you get this George try me
again. I apologize again to the list
73 de w5jay..

Date: Thu, 22 Apr 1999 15:37:37 EDT
From: FrConrad@aol.com
To: ki7mn@extremezone.com, qrp-l@lehigh.edu
Subject: [38723] Re: QTTF Rules Query?
Message-ID: <437d709d.2450d481@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

In a message dated 4/22/99 11:34:53 AM Pacific Daylight Time,
ki7mn@extremezone.com writes:

<< At 12:12 PM 4/22/99 -0600, you wrote:
s among listeners who don't know what's going on.
>
>So... assuming I do actually manage to get out there and operate, I will be
>signing CO/TB. If I get DQ'd for it (Dairy Queened?) so be it. Funny
how I
>can bend my "principles" enough to go that far, but not all the way [g]. I
hope
>in future QTTF's we can avoid such ethical dilemmas!
>
Sounds like a much better way to do it, to me.
72,73
Bob Hightower KI7MN

<http://www.extremezone.com/~ki7mn>

TO ALL,

As one of the "official" Taco Bell's, I think the above is a good point. I hadn't thought about it, but sending "Taco Bell" over and over again does have a "commercial" ring to it. So, I too will sign CA/TB. It really doesn't make much difference in my case because the Taco Bell (whereat I will eat a Macho Combo burrito before my assault on Taco Bell Mountain in the Mojave Desert) will be VERY small in the "frame of the picture" I send to the low-numbered zombies, so I might be disqualified. That, combined with my snail-like sending and my shaky copy will no doubt have me close to the bottom of the list anyway.

(Do I hear the Grand Poobah saying "check log").

Remember, this is supposed to be fun. And so, I remain,

Flatulently yours,

(call me Father) John
WB6MFS CA/TB

Date: Thu, 22 Apr 1999 13:45:51 -0600
From: "Down" <adown@sprint.ca>
To: "QRP-C" <qrp-canada@lists.gpfn.sk.ca>
Cc: "QRP-L" <qrp-l@lehigh.edu>, "Earl" <earlmurf@telusplanet.net>
Subject: [38724] (Elusive) Spring Bow-K
Message-ID: <199904221943.PAA20115@hme0.mailrouter02.sprint.ca>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1

Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Not a good day.....again! Only one contact, es I lost him when he went QRP. Held his signal for a bit, but only got the watts...5.... after that, it was just a few dits here es there. He came back to me initially at 599....asked him if he would go QRP es try for a great Certificate, es he did....hmmmmm...wonder what he's doing now?

Heard a couple other very weak sigs here es there - held on for an extra 10 minutes trying to get someone QRP before shutting down at 1910z, but I think I need bigger ears or something...

Who says QRP isn't fun? It can sure be a challenge if nothing else! I am definately becoming more determined with each day to get that ever elusive little contact....sorry folks...no flowers today! Log is as follows:

April 22/99 de VE5HQ running 4watts from Saskatchewan

.....
.....
Time Call name out-RST-in QTH
 pwr
1725z KC7QGE Vern 599 599 Arizona
?... QRO
1730z (no copy) 229
 5w

.....
.....
Hard to figure he was rx at 599 on my 4 watts, but I lose him at his 5 watts ..??

(Hope this doesn't rearrange itself like the last message did)

Will try 20m ssb tomorrow - getting a flu or something, but will have lots of life savers handy to lube the ol' voice box.....Good luck All! hope we can hand out a few flowers tomorrow..

72,
Bill > VE5HQ

Date: Thu, 22 Apr 1999 14:57:28 -0500
From: "Joe spencer" <joes@tcjc.cc.tx.us>
To: <FrConrad@aol.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [38725] Re: QTTF Rules Query?
Message-ID: <004801be8cfa\$59a87f00\$8a0c040a@tcjc_ac04.tcjc>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

While it may get old sending Taco Bell....it is in no way a violation to the Amateur rules or practices, anymore than the satellite message probably was..... part 97 simply says:

(a) No amateur station shall transmit:
(1) Communications specifically prohibited elsewhere in this part;
(2) Communications for hire or for material compensation, direct or indirect, paid or promised, except as otherwise provided in these rules;
(3) Communications in which the station licensee or control operator has a pecuniary interest, including communications on behalf of an employer.
Amateur operators may, however, notify other amateur operators of the availability for sale or trade of apparatus normally used in an amateur station, provided that such activity is not conducted on a regular basis;

Joe KK5NA

-----Original Message-----

From: FrConrad@aol.com <FrConrad@aol.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: Thursday, April 22, 1999 2:42 PM
Subject: Re: QTTF Rules Query?

>In a message dated 4/22/99 11:34:53 AM Pacific Daylight Time,
>ki7mn@extremezone.com writes:
>
><< At 12:12 PM 4/22/99 -0600, you wrote:
> s among listeners who don't know what's going on.
> >
> >So... assuming I do actually manage to get out there and operate, I will be
> >signing C0/TB. If I get DQ'd for it (Dairy Queened?) so be it. Funny
> how I

> >can bend my "principles" enough to go that far, but not all the way [g].
I
> hope
> >in future QTTF's we can avoid such ethical dilemmas!
> >
> Sounds like a much better way to do it, to me.
> 72,73
> Bob Hightower KI7MN
>
> <http://www.extremezone.com/~ki7mn>
>
>TO ALL,
>
>As one of the "official" Taco Bell's, I think the above is a good point.
I
>hadn't thought about it, but sending "Taco Bell" over and over again does
>have a "commercial" ring to it. So, I too will sign CA/TB. It really
>doesn't make much difference in my case because the Taco Bell (whereat I
will
>eat a Macho Combo burrito before my assault on Taco Bell Mountain in the
>Mojave Desert) will be VERY small in the "frame of the picture" I send to
the
>low-numbered zombies, so I might be disqualified. That, combined with my
>snail-like sending and my shaky copy will no doubt have me close to the
>bottom of the list anyway.
>
>(Do I hear the Grand Poobah saying "check log").
>
>Remember, this is supposed to be fun. And so, I remain,
>
>Flatulently yours,
>
>(call me Father) John
>WB6MFS CA/TB
>

Date: Thu, 22 Apr 1999 15:28:35 -0500
From: jmbrown@edge.net (JERRY BROWN)
To: qrp-1@Lehigh.edu
Subject: [38726] QRPTTF de TENNESSEE
Message-ID: <371F8673.24D0@edge.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Tennessee (Maury County) stations participating/not previously listed:

K4BX (Bill) with FT-900

N4EO (Jerry) with K-2

N4KN (Thurman) with QRP++

72,

Jerry, N4EO

Date: Thu, 22 Apr 1999 15:28:46 -0500
From: "Chuckee" <cdhamel@pdq.net>
To: "QRP-L Mailing List" <qrp-l@Lehigh.EDU>
Subject: [38727] Quicksilver Printing
Message-ID: <010e01be8cfe\$bb8e4e80\$82e690d1@charles>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi All, I want to order the Elmer 101 QRPP issue from Quicksilver printing!
Paul Hardin publishes
this booklet, I have the address. But I need to know how much to send!!
Thanks

Paul Harden
Quicksilver Printing
PO Box 757
Socorro, NM

87801

Charles

Date: Thu, 22 Apr 1999 15:32:10 -0500
From: Jeff Gold <JGold@tntech.edu>
To: QRP-L <qrp-l@lehigh.edu>

Subject: [38728] Swl40+ for sale
Message-ID: <00b401be8cff\$329f4380\$4d0b9595@cc.tntech.edu>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

I have a built SW40+ in a heavy duty printer switch box case. The rig works fantastically has an on/off switch. The paint job on the case (black) ain't perfect. The rig works great, but someone who is OCD may want to do something else with case. \$70 shipped continental US.

72
Jeff, AC4HF

Date: Thu, 22 Apr 1999 20:44:19 +0100
From: Larry Cahoon <wd3p@juno.com>
To: mgipe@reliablemeters.com, qrp-1@Lehigh.EDU
Subject: [38729] Re: Congratulations 160 meter QRPers
Message-ID: <19990422.204507.4054.2.wd3p@juno.com>

On Thu, 22 Apr 1999 10:21:37 -0700 "Michael A. Gipe"
<mgipe@reliablemeters.com> writes:
>I was thumbing through the May QST this morning before work, and
>landed on the 160 meter contest results page. A couple of familiar
>callsigns jumped out.
>
>
>PS: Now guys, tell us about the antennas you used.
>
I didn't get into the contest this year, my 160m ant is out of commission until I can figure out what is the problem, but the fellow who took the world QRP this year, WK3I, is in my local club. We went through the same novice class together about ten years ago. For the interest it may serve and the challenge to the group this guy does QRP basically only for the two 160 Meter contest and does't work most other contests, and when he does it is not QRP. He got into the QRP in this one because he was getting beaten by another ham in the MDC section in the 100 Watt class.

His station -- He ran the full 5 Watts to nothing more than an inverted V hung from his tower. The center is at about 70 ft. and the ends are up about 30 ft. By the way his score set a new QRP record for the contest and is the first time the score in the QRP group has passed 100,000 points.

73 de Larry.....WD3P in MD

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Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Thu, 22 Apr 1999 13:51:38 -0700 (PDT)
From: Ron Stark <ku7y@dri.edu>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [38730] Re: Newsgroups and Email Reflectors
Message-ID: <Pine.SOL.3.96.990422135022.26932A-1000000@vortex>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I'm just a wee young pup, but I do remember using
10m AM as the local area gathering place in the eve's!

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Thu, 22 Apr 1999 14:04:48 -0700 (PDT)
From: Ron Stark <ku7y@dri.edu>
To: "Michael A. Gipe" <mgipe@reliablemeters.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [38731] Re: Congratulations 160 meter QRPers
Message-ID: <Pine.SOL.3.96.990422135635.26932B-1000000@vortex>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 22 Apr 1999, Michael A. Gipe wrote:

> PS: Now guys, tell us about the antennas you used.

First let me congratulate WK3I on his great score! Over
100,000 points for the first time ever by a QRP station!

It was interesting to see that we have the same antennas.
My inverted vee also hangs off my tower at a about the 70'

mark. The ends are lower.....about 10-15' above the ground.

I was also running 5w.

Only 4 states needed for 160m QRP WAS, something that I never thought could be done from the west but no I know better! :-)

160m QRP is a lot of fun. I hope more of you will be there this fall.

cul,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Thu, 22 Apr 1999 17:14:51 -0400
From: "John J. McDonough" <jjmcd@tm.net>
To: <iapizloj@bicc00.bi.ehu.es>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [38732] Re: Attention stamp lovers
Message-ID: <006a01be8d05\$2b48d960\$010044c0@mdp23b>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Is that what that EG50URE that I worked the other day was about!

72/73 de WB8RCR <http://users.tm.net/jjmcd/>
didileydadidah QRP-L #1446 Code Warriors #35

-----Original Message-----

From: Jon Iza <iapizloj@bicc00.bi.ehu.es>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: Thursday, April 22, 1999 2:39 AM
Subject: Attention stamp lovers

>Gang,
>the Spanish ham society URE (Union de Radioaficionados Espa~noles) is
>celebrating this month its 50th anniversary.

Date: Fri, 23 Apr 1999 08:20:50 +1000
From: "Ian C. Purdie" <purdic@integritynet.com.au>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [38733] Direction finding and Loops
Message-ID: <371FA0C2.8EC79D43@integritynet.com.au>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Guys and Girls,

< I sent this yesterday but I think gremlins got in. If duplicated I apologise to one and all.

My name is Ian Purdie from Australia and I'm new to your group. Thanks for having me.

I have 40+ years experience in electronics as a hobby as well as business and many years as SWL and AMBCBDX. (Heresy)

I hold an Amateur Operators Cert. of Proficiency (10 yrs) - no code. Haven't taken my Licence out yet (more Heresy - but they want a small fortune in fees) but as I've now retired will probably do so soon. Where I've retired to is skint on real estate so QRP looks very attractive. Actually it's probably the best challenge available in AR.

Meanwhile:

1 Does anybody have real-world-practical experience with Goniometers? - (see 1989 ARRL Handbook P39-4 Fig 8.) - probably later editions also.

2. Does anybody know of Robert W. Burhans from Athens, Ohio. Bob wrote a number of excellent articles on loops and active antennas for both 'Ham Radio' as well as 'Radio and Electronics' many years ago.

Thanks for everybody's time and patience. If you have time, visit my site:

www.integritynet.com.au/~purdic

73's

Ian Purdie

Date: 22 Apr 1999 17:26:36 -0500
From: "rohre" <rohre@arlut.utexas.edu>
To: qrp-1@lehigh.edu
Subject: [38734] Ballantine Scope and Counter
Message-ID: <n1287320466.4868@msmailgw1.arlut.utexas.edu>

For the folks looking for information on Ballantine instruments. The 5500 is a very nice counter for RF design work!

The military nomenclature scope was probably this civilian model as listed in FSN government lists. Looks like whichever exact model it is, it has adequate bandwidth for QRP constructors use.

72, Stuart, K5KVH

To: rohre
From: celbel@ctesc.net on Wed, Apr 21, 1999 5:40 PM
Subject: Re: bballantine counter

hi stuart,

there is an 'Autometronic 5500B 110 MHz counter in the catalog.
price for 5500B autometronic 1110mhz 8 digit counter-timer....\$ 795
option 35 freq. range extended to 1 GHz.....\$ 385

~~~~~  
Sensitivity....25 mV rms sine wave 0-2 MHz  
              50 mV rms sine wave 2-10 MHz  
              100 mV rms sine wave 10-100MHz  
              (Channel A only).  
              165 mV rms sine wave 100 to 110 MHz  
              (Channel A only).              ("yes, channel A")  
Channel A, 0.3 V peak-to-peak pulse, 7 nsec min pulse width.

Channel B, 0.3 V peak-to-peak pulse, 50 nsec min pulse width.

~~~~~  
SCOPES....
SERIES 1020 MINI-PORTABLE single/dual-trace

1024A mini-portable
dc and ac to at least 25mhz (-3dB)

1022A mini-portable
dc and ac to at least 15mhz (-3dB)

1032A bench/portable
dc to 25 mhz dual-trace

1040A portable
dc to at least 40 mhz (-3dB)

~~~~~  
there is a price list insert in the front of the booklet. however, the  
pricing is DOMESTIC USA effective february 1, 1984.

~~~~~  
the GSA LIST was not found in the booklet

~~~~~  
next?

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Date: Thu, 22 Apr 1999 22:41:36 GMT  
From: n3bj@hotmail.com  
To: qrp-1@lehigh.edu  
Subject: [38735] FS: MXM 30M QRP xcvr  
Message-ID: <199904222241.RAA18370@x3.dejanews.com>

For sale: MXM 30M CW xcvr, featuring dual conversion receiver with xtal  
filter at 4 mHz and ceramic filter at 455 kHz, only rig in its' class to offer  
that. About 4 watts out, well done in aluminum case. With complete original  
documentation.

\$95 shipped

Alan, N3BJ

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Date: Thu, 22 Apr 1999 16:39:54 -0600  
From: "Marshall Emm" <mgemm@mtechnologies.com>  
To: Morse.Express.Clients@edison.chisp.net,  
Morse.Express.Clients@edison.chisp.net, qrp-1@lehigh.edu,

cqclist@mtechnologies.com, brasspounders@e-groups.com  
Subject: [38736] News From Morse Express  
Message-ID: <199904222239.QAA10706@edison.chisp.net>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT  
Content-Transfer-Encoding: 7BIT

Greetings!

I finally got a chance to prepare a formal announcement about Milestone Technologies' acquisition of Oak Hills Research. Appended is the press release that is going out to Industry publications today.

In other news... we have a few Chinese Army keys left, and more on the way from China. An order from G4ZPY in England is finally on its way. It includes fewer keys than we'd hoped, but also a couple of new models we haven't seen before. Within a week or so we'll have two new and very inexpensive straight keys. Finally, we have a new book available, "The Story of the Key," by Louise Moreau. It's a 60 page reprint of a series originally published in "Morsum Magnificat" and is a history of the telegraph key including 75 photos and Reinke's list of instrument makers. Softcover, \$12.95.

73  
DE N1FN  
Marshall

FOR IMMEDIATE RELEASE

CONTACT: MARSHALL EMM (303) 752-3382

AMATEUR RADIO INDUSTRY NEWS -

Milestone Technologies  
Acquires Oak Hills Research

Denver, April 22, 1999. Milestone Technologies, Inc. announced today that it has acquired kit manufacturer Oak Hills Research. According to Milestone's president, Marshall Emm (N1FN) the "lock, stock, barrel and web site" acquisition represents a major step in Milestone's goal to provide "everything for the Morse enthusiast."

Through it's Morse Express division, Milestone sells a wide variety of Morse equipment including keys bugs and paddles imported from seven different countries. According to Marshall, it has long been a goal of Milestone to offer CW



transceiver kits, and the opportunity to purchase Oak Hills came at the perfect time. "QRP is the one area of amateur radio that is showing continued and dramatic growth, and the CW mode is at the heart of QRP," Marshall said. "I've personally built many Oak Hills kits and it is not a stretch to say 'I liked the kits so much I bought the company'"

Oak Hills was started by QRP guru Doug De Maw (W1FB) and was run for the last 9 years by Dick Witzke (KE8KL) who gained an outstanding reputation in the QRP fraternity for quality kits at affordable prices. The Oak Hills kit line currently includes a single band transceiver available for 20, 30 or 40 meters, a five-band transceiver kit (15/20/30/40/80M), a digital dial / frequency counter, and a QRP watt meter.

Milestone got its start in 1985 with its foundation product, the Codemaster Morse code training program. Last year Milestone re-organized with a new division, Morse Express, to cater specifically to QRP operators and other Morse enthusiasts. Morse Express is now the largest seller of Morse keys and related equipment in the US.

According to Marshall, Oak Hills Research will be operated as a separate division under the Milestone corporate umbrella, and the immediate intention is to continue to produce the current line of kits with the same attention to quality, service, and support. Oak Hills Research is still on the world wide web at [www.OHR.com](http://www.OHR.com) and can be reached by phone at (303) 752.3382. Technical services including rig alignments will be carried out by Dick Witzke on a contract basis.

"We're looking forward to adding new kits to the line, and continuing a great tradition of excellence." Marshall said.

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End of QRP-L Digest 1434

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